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Environment Canada Environnement Canada

Surface Water Data

Ontario

Données sur les eaux de surface

1988

INLAND WATERS DIRECTORATE
WATER RESOURCES BRANCH
WATER SURVEY OF CANADA
OTTAWA, CANADA, 1989

DIRECTION GÉNÉRALE DES EAUX INTÉRIEURES
DIRECTION DES RESSOURCES EN EAU
DIVISION DES RELEVÉS HYDROLOGIQUES DU CANADA
OTTAWA, CANADA, 1989

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PREFACE

This publication was prepared by personnel of the Water Survey of Canada Division under the direction of the Director, Water Resources Branch, Department of the Environment, Ottawa.

The basic data were collected and compiled under the supervision of the Regional Chiefs of the Water Resources Branch at Guelph, Ontario and Winnipeg, Manitoba.

The co-operation received from provincial agencies and from other organizations is gratefully acknowledged.

PRÉFACE

La Division des relevés hydrologiques du Canada, sous l'autorité du Directeur des ressources en eau du ministère de l'Environnement (Ottawa), a préparé la présente publication.

On a recueilli et compilé les données de base sous la supervision des Chefs régionaux de la Direction des ressources en eau, à Guelph (Ontario) et Winnipeg (Manitoba).

On remercie vivement les organismes provinciaux, ou autres, pour la coopération qu'ils ont apportée.

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INTRODUCTION

The Water Resources Branch of the Department of the Environment herein presents for the 1988 calendar year, the results of the hydrometric survey investigations which were made in Ontario, by the Water Survey of Canada.

Details on individual stations and related records, as well as recent data which have not yet been published, may be obtained upon application to:

Water Resources Branch,
Department of the Environment,
Federal Building,
75 Farquhar Street,
Guelph, Ontario.
N1H 3N4
(519 821-0110)

Water Resources Branch,
Department of the Environment,
521 Federal Building,
269 Main Street,
Winnipeg, Manitoba.
R3C 1B2
(204 983-2435)

or to the Water Resources Branch, Department of the Environment, Ottawa, Ontario, K1A 0H3 (819 997-2098).

INTRODUCTION

La Direction des ressources en eau du ministère de l'Environnement présente, pour l'année civile 1988, les résultats des relevés hydrométriques que la Division des relevés hydrologiques du Canada a effectués en Ontario.

En s'adressant aux endroits ci-après, on peut obtenir des renseignements supplémentaires sur certaines stations particulières et divers relevés, ainsi que des données récentes non encore publiées:

Direction des ressources en eau
Ministère de l'Environnement
Édifice fédéral
75, rue Farquhar
Guelph (Ontario)
N1H 3N4
(519 821-0110)

Direction des ressources en eau
Ministère de l'Environnement
521 Édifice fédéral
269, rue Main
Winnipeg (Manitoba)
R3C 1B2
(204 983-2435)

ou au Direction des ressources en eau, ministère de l'Environnement, Ottawa (Ontario), K1A 0H3 (819 997-2098).

ORGANIZATION AND HISTORY OF HYDROMETRIC SURVEY OPERATIONS

During 1988, the hydrometric surveys in Ontario were conducted by the Water Survey of Canada under agreement with the Province of Ontario. The provincial authorities contributed to the cost of the basic field investigations which were carried out in accordance with mutually agreed-upon plans.

In Ontario, hydrometric survey operations during the years 1912 to 1919 were carried out by the Hydro-Electric Power Commission of Ontario and the results were published in the annual reports of the Commission. Commencing October 1, 1919, under the terms of a co-operative arrangement with the Commission, the Dominion Water and Power Bureau assumed the responsibility for the hydrometric and fundamental water resources investigations in the province. Although this arrangement was terminated on March 31, 1933 work was continued by the federal government under letter arrangement with the Province of Ontario and the Hydro-Electric Power Commission until 1975. A co-operative agreement, (with an implementation date of April 1, 1975), was signed with the Government of Ontario on June 12, 1975. The agreement provides that water quantity surveys will be continued by the federal government on a shared cost basis and in close co-operation with Ontario Hydro, Ontario Ministry of Natural Resources and the Ontario Ministry of the Environment.

ORGANISATION ET HISTORIQUE DES RELEVÉS HYDROMÉTRIQUES

En 1988, la Division des relevés hydrologiques du Canada a effectué des relevés hydrométriques en Ontario en vertu de l'accord conclu avec les autorités provinciales, qui ont contribué au coût des recherches de base réalisées sur le terrain, après entente mutuelle sur leur programme.

En Ontario, la Commission d'énergie hydro-électrique de l'Ontario a effectué entre 1912 et 1919 des relevés hydrométriques, et on a publié dans les rapports annuels de cette Commission les résultats ainsi recueillis. En vertu d'une entente de coopération conclue avec cette dernière, le Bureau fédéral de l'eau et de l'énergie a assumé, à compter du 1er octobre 1919, la responsabilité de la conduite, en Ontario, de recherches hydrométriques et de recherches fondamentales sur les ressources en eau. L'entente a pris fin le 31 mars 1933, mais en vertu d'une lettre d'entente avec la province de l'Ontario et la Commission d'énergie hydro-électrique de l'Ontario, le gouvernement fédéral a continué d'exécuter les observations hydrométriques jusqu'en 1975. Le 12 juin 1975, le gouvernement de l'Ontario a signé un nouvel accord, qui est entré en vigueur le 1er avril 1975, renfermant des dispositions grâce auxquelles le gouvernement fédéral s'occupera du programme de relevés hydrométriques, en étroite collaboration avec l'Hydro-Ontario et les ministères des Ressources naturelles et de l'Environnement de l'Ontario, et partagera le coût des mesures avec la province.

CO–OPERATION AND ACKNOWLEDGMENTS

Co-operative undertakings with other agencies form an important part of the activities of the Water Survey of Canada. Close co-operation has been maintained with public agencies and private organizations concerned with water resources. Runoff and other data have been mutually exchanged and stream-gauging operations have been facilitated by the assistance received from a number of organizations.

On waters adjacent to the International Boundary, certain gauging stations are maintained by Canada (or the United States) under agreement with the United States (or Canada) and the records are collected and compiled in a manner equally acceptable to both countries. These stations are designated as "International Gauging Stations" in this publication.

This publication includes the annual water level data for the Tides and Water Level Network in Ontario on the Great Lakes and the St. Lawrence River. These data are collected and prepared under a Memorandum of Understanding between the Environmental Conservation Service and Ocean Science and Surveys. This memorandum recognizes the need for both parties to collect and publish water level data for their respective needs of management of the water resources and navigation. Under the memorandum the Water Resources Branch operates and maintains the water level gauges owned by the Canadian Hydrographic Service and the data are prepared by the Marine Environmental Data Services Branch of Ocean Science and Surveys. The data prior to 1981 were compiled and published by the Canadian Hydrographic Service in an annual

COOPÉRATION ET REMERCIEMENTS

Le travail entrepris en coopération avec d'autres organismes représente une partie importante des activités de la Division des relevés hydrologiques du Canada. On a maintenu une étroite collaboration avec les organismes, publics ou privés, qui s'intéressent aux ressources en eau. On a échangé des données portant sur l'écoulement ou sur d'autres points, et l'assistance fournie par beaucoup d'organismes a facilité les opérations de jaugeage.

Pour ce qui est des eaux adjacentes à la frontière internationale, certaines stations de jaugeage dépendent du Canada (ou des États-Unis) suite à un accord avec les États-Unis (ou le Canada), et les relevés sont faits et compilés de façon à satisfaire les deux pays. Ces stations sont nommées «Stations internationales de jaugeage».

La présente publication renferme les données sur les niveaux d'eau annuels enregistrés au réseau de mesure des marées et des niveaux d'eau sur les Grands lacs et le Saint-Laurent, en Ontario. Ces données sont recueillies et préparées en vertu d'un protocole d'entente conclu entre le Service de la conservation de l'environnement et les Sciences et levés océaniques. Ce protocole reconnaît que les deux parties sont tenues de recueillir et de publier des données sur les niveaux d'eau pour leurs propres besoins de gestion des eaux et de navigation. À cette fin, la Direction des ressources en eau exploite et entretient les jauges appartenant au Service hydrographique du Canada, tandis que la Direction des services des données sur le milieu marin des Sciences et levés océaniques s'occupe de la préparation des données. Avant 1981, le Service hydrographique du Canada a compilé et publié ces données dans

publication series entitled "Water levels, Daily Means" which will continue for the stations downstream of Lac St. Pierre on the St. Lawrence and on the marine coasts.

For the valuable assistance and co-operation received in obtaining hydrometric survey records, the Water Survey of Canada is indebted to the following organizations:

Federal – Department of Fisheries and Oceans;
International Lake Superior Board of Control;
International Lake of the Woods Control Board;
International Niagara Board of Control;
International Rainy Lake Board of Control;
International St. Lawrence River Board of Control;
Ministry of Transport (Canada).

Provincial – Ontario Hydro;
Ontario Ministry of Natural Resources;
Ontario Ministry of the Environment.

Private – Abitibi-Price Inc.;
Great Lakes Power Company Limited;
Algoma Steel Corporation Limited;
Eddy Forest Products Limited;
International Nickel Company of Canada Limited;
Great Lakes Forest Products Limited;
Spruce Falls Power and Paper Company;
Ontario Minnesota Pulp and Paper Company Ltd.

le cadre d'une série annuelle intitulée: «Niveaux d'eau: Moyennes journalières», série qui continuera de paraître pour les stations situées en aval du lac St-Pierre, sur le Saint-Laurent, et sur les côtes maritimes.

La Division des relevés hydrologiques du Canada est redevable aux organismes suivants de l'aide et de la collaboration précieuses qu'ils lui ont apportées lors de la prise des relevés hydrométriques:

Niveau fédéral – Ministère des Pêches et Océans
Comite international de contrôle du lac Supérieur,
Comité international de contrôle du lac des Bois,
Comité international de contrôle de Niagara,
Comité international de contrôle du lac Rainy,
Comité international de contrôle du fleuve Saint-Laurent,
Ministère des Transports (Canada).

Niveau provincial – Hydro-Ontario,
Ministère des Ressources naturelles de l'Ontario,
Ministère de l'Environnement de l'Ontario.

Secteur privé – *Abitibi-Price Inc.*,
Great Lakes Power Company Limited,
Algoma Steel Corporation Limited,
Eddy Forest Products Limited,
International Nickel Company of Canada Limited,
Great Lakes Forest Products Limited,
Spruce Falls Power and Paper Company,
Ontario Minnesota Pulp and Paper Company Limited.

EQUIVALENTS OF MEASURE

The following list of convenient equivalents of measure includes the relationship between imperial units and the International System of Units (SI).

1 inch equals 2.54 cm (centimetres)
1 foot equals 0.3048 m (metre)
1 statute mile equals 1.6093 km (kilometres)

1 cm (centimetre) equals 0.393 70 inch
1 m (metre) equals 3.2808 feet
1 km (kilometre) equals 0.621 37 mile

1 acre equals 43 560 square feet
1 acre equals 0.404 69 ha (hectare)
1 square mile equals 640 acres
1 square mile equals 2.5900 km^2 (square kilometres)
1 square mile equals 259.0 ha (hectares)

1 ha (hectare) equals 10 000 m^2 (square metres)
1 ha (hectare) equals 2.4710 acres
1 km^2 (square kilometre) equals 0.386 10 square mile

1 cubic foot equals 6.2288 imperial gallons
1 imperial gallon equals 4.546 09 L (litres)
1 imperial gallon equals 1.2010 U.S. gallons
1 U.S. gallon equals 0.133 68 cubic foot
1 cubic foot equals 0.028 317 m^3 (cubic metre)
1 m^3 (cubic metre) equals 35.315 cubic feet
1 dam^3 (cubic decametre) equals 1000 m^3 (cubic metres)
1 dam^3 (cubic decametre) equals 1 mm (millimetre) over 1 km^2 (square kilometre)

1 cubic foot per second for one day equals 1.9835 acre-feet
1 cubic foot per second for one day covers one square mile to a depth of 0.037 19 inch
1 acre-foot equals 1.2335 dam^3 (cubic decametres)
1 m^3/s (cubic metre per second) for one day equals 86.4 dam^3 (cubic decametre)
1 m^3/s (cubic metre per second) for one day covers one square kilometre to a depth of 0.0864 m (metre)

1 foot per second equals 0.6818 mile per hour
1 mile per hour equals 1.467 feet per second
1 m/s (metre per second) equals 3.6 km/h (kilometre per hour)
1 km/h (kilometre per hour) equals 0.2778 m/s (metre per second)

1 cubic foot per second equals 0.028 317 m^3/s (cubic metre per second)
1 m^3/s (cubic metre per second) equals 35.315 cubic feet per second

1 pound equals 0.453 59 kg (kilogram)
1 kg (kilogram) equals 2.2046 pounds

1 short ton (2000 pounds) equals 0.907 18 t (tonne)
1 t (tonne) equals 2204.6 pounds

degrees Celsius = 5/9 (degrees Fahrenheit - 32)
degrees Fahrenheit = 9/5 (degrees Celsius) + 32

ÉQUIVALENCES DES UNITÉS DE MESURE

Voici une liste des unités de mesure impériales et leurs équivalences dans le Système international d'unités (SI).

1 pouce vaut 2.54 cm (centimètres)
1 pied vaut 0.3048 m (mètre)
1 mille terrestre équivaut à 1.6093 km (kilomètre)

1 cm (centimètre) équivaut à 0.393 70 pouce
1 m (mètre) équivaut à 3.2808 pieds
1 km (kilomètre) équivaut à 0.621 37 mille

1 acre vaut 43 560 pieds carrés
1 acre équivaut à 0.404 69 ha (hectare)
1 mille carré vaut 640 acres
1 mille carré équivaut à 2.5900 km^2 (kilomètres carrés)
1 mille carré équivaut à 259.0 ha (hectare)

1 ha (hectare) vaut 10 000 m^2 (mètres carrés)
1 ha (hectare) équivaut à 2.4710 acres
1 km^2 (kilomètre carré) équivaut à 0.386 10 mille carré

1 pied cube équivaut à 6.2288 gallons impérials
1 gallon impérial vaut 4.546 09 L (litres)
1 gallon impérial équivaut à 1.2010 gallon américain
1 gallon américain équivaut à 0.133 68 pied cube
1 pied cube vaut 0.028 317 m^3 (mètre cube)
1 m^3 (mètre cube) vaut 35.315 pieds cubes
1 dam^3 (décamètre cube) vaut 1000 m^3 (mètres cubes)
1 dam^3 (décamètre cube) vaut 1 mm (millimètre) qui couvre 1 km^2 (kilomètre carré)

1 pied cube par seconde pendant un jour équivaut à 1.9835 acre-pied
1 pied cube par seconde pendant un jour équivaut à un volume d'un mille carré par 0.037 19 pouce
1 acre-pied équivaut à 1.2335 dam^3 (décamètres cubes)
1 m^3/s (mètre cube par seconde) pour un jour vaut 86.4 dam^3 (décamètre cube)
1 m^3/s (mètre cube par seconde) pour un jour couvre un kilomètre carré à une profondeur de 0.0864 m (mètre)

1 pied par seconde équivaut à 0.6818 mille par heure
1 mille par heure équivaut à 1.467 pied par seconde
1 m/s (mètre par seconde) vaut 3.6 km/h (kilomètre par heure)
1 km/h (kilomètre par heure) vaut 0.2778 m/s (mètre par seconde)

1 pied cube par seconde équivaut à 0.028 317 m^3/s (mètre cube par seconde)
1 m^3/s (mètre cube par seconde) équivaut à 35.315 pieds cubes par seconde

1 livre équivaut à 0.453 59 kg (kilogramme)
1 kg (kilogramme) équivaut à 2.2046 livres

1 tonne courte (2000 livres) équivaut à 0.907 18 t (tonne)
1 t (tonne) équivaut à 2204.6 livres

degrés Celsius = 5/9 (degrés Fahrenheit - 32)
degrés Fahrenheit = 9/5 (degrés Celsius) + 32

DEFINITION OF TERMS AND ABBREVIATIONS

"Control" is the condition downstream from a gauging station that determines the stage-discharge relationship. It may be a stretch of rapids, a weir or other artificial structure. In the absence of such features, the control may be a less obvious condition such as a convergence of the channel or even simply the resistance to flow through a downstream reach. A shifting control exists where the stage-discharge relationship tends to change because of impermanent bed or banks.

"Cubic metres per second" (m^3/s) is a unit expressing rate of discharge. One cubic metre per second is equal to one cubic metre of water flowing past a particular point in one second. This is the basic unit in general use, other units being computed from it by the use of factors as given in the previous paragraph under "Equivalents of Measure".

"Gauging station" is a location where systematic records of stage or stage and discharge are obtained.

"Miscellaneous (or related) data" is all data not published in the regular series of hydrometric and sediment data publications such as unpublished water levels and the various parameters that are measured in obtaining discharge measurements, e.g. water depth, velocity, width, air and water temperatures, ice thickness. This also includes discharge measurements and water level and sediment observations obtained at locations which are not regular gauging stations. Various types of "derived" data could also be considered "miscellaneous", such as water levels and discharges at selected time intervals (usually hourly).

"Stage-discharge relationship" is the relation between the water level and the discharge at a gauging station.

PUBLICATION OF SURFACE WATER AND SEDIMENT DATA

Surface Water Data have been published in a variety of formats in imperial units since 1908 in approximately 300 publications which are now mostly out-of-print. Commencing with the 1979 publications, data are presented in the International System of Units (SI). However, the format has remained the same wherein Canada is divided into eight regions. The provinces each represent a separate region except for New Brunswick, Newfoundland, Nova Scotia and Prince Edward Island which together form the Atlantic Provinces region, and the Yukon and Northwest Territories which make up another. The publications are identified by the province(s) or territories covered and the year in which data were collected. These data are published annually on a calendar-year basis and the stations are listed alphabetically, with two years of data per page.

DÉFINITIONS DES TERMES ET ABRÉVIATIONS

«Élément régulateur» – élément qui conditionne l'écoulement en aval d'une station de jaugeage et qui détermine la relation hauteur-débit au niveau de la station. Ce peut être une série de rapides, un déversoir ou toute autre structure artificielle. En l'absence de ces structures, l'élément régulateur peut provenir d'une condition moins apparente comme le rétrécissement d'un chenal ou simplement la résistance à l'écoulement d'un tronçon situé en aval. Il y a élément régulateur changeant quand la relation hauteur-débit tend à être modifiée par un lit ou des rives instables.

«Mètres cubes par seconde» (m^3/s) – unité du taux d'écoulement. Un mètre cube par seconde équivaut à un mètre cube d'eau s'écoulant en un point donné en une seconde. C'est l'unité de base généralement employée, les autres unités dérivées à partir de celle-ci sont données sous la rubrique «Équivalences des unités de mesure».

«Station de jaugeage» – lieu où l'on effectue des relevés systématiques de la hauteur ou de la hauteur et du débit de l'eau.

«Les données diverses (ou connexes)» – représentent toutes les données qui ne sont pas publiées dans les séries régulières des publications sur les données hydrométriques et les sédiments, par exemple celles des niveaux des eaux et des autres paramètres qui sont mesurés en même temps que le débit, soit la profondeur de l'eau, sa vitesse, son étendue, la température de l'eau et de l'air, l'épaisseur de la glace. Les mesures de débit ainsi que les observations sur les niveaux des eaux et les sédiments, obtenues à des emplacements autres que les stations régulières de jaugeage, sont aussi incluses. D'autres types de données «dérivées» pourraient aussi être classées dans cette catégorie de données «diverses», à savoir les niveaux des eaux et les débits observés à des intervalles de temps précis (en général, toutes les heures).

«Relation hauteur-débit» – relation qui existe entre la hauteur et le débit au niveau d'une station de jaugeage.

PUBLICATION DES DONNÉES SUR LES EAUX DE SURFACE ET LES SÉDIMENTS

Depuis 1908, les *Données sur les eaux de surface* ont été publiées, en utilisant diverses formules et en ayant recours au système d'unités impériales, dans quelque 300 publications lesquelles sont pour la plupart épuisées. À partir de 1979, les données sont fournies dans le Système international d'unités (SI). Toutefois, la présentation est toujours la même, c'est-à-dire que le Canada est divisé en huit régions. Chaque province représente une région distincte sauf le Nouveau-Brunswick, la Terre-Neuve, la Nouvelle-Écosse et l'Île-du-Prince-Édouard qui constituent la région des provinces de l'Atlantique, comme c'est le cas aussi pour le Yukon et les Territoires du Nord-Ouest qui sont réunis en une seule région. Les publications sont identifiées par le nom des provinces ou territoires concernés et par l'année de la cueillette des données. Les données sont publiées annuellement, en fonction de l'année civile, et les stations sont classées par ordre alphabétique, chaque page de données couvrant deux années.

The first edition of a *Surface Water Data Reference Index* was published for data to 1966 by province or region. Subsequent editions were published annually or biennially in one publication for Canada. Commencing with the 1979 publication, data are presented in the International System of Units (SI) and future editions will be published biennially. Gauging stations are listed by province or territory, in upstream to downstream order. Coloured maps showing the locations of both active and the discontinued stations were included in the first and second editions and were provided in a separate Hydrometric Map Supplement to the 1972 and the 1977 editions. The latest editions of the Reference Index and the Hydrometric Map Supplement supersede all previous editions.

La première édition de l'*Index de référence des données sur les eaux de surface* comprenait les données disponibles jusqu'en 1966, de chaque province ou région. Les éditions subséquentes étaient publiées annuellement ou tous les deux ans en une seule publication pour tout le Canada. À partir de 1979, les données sont fournies dans le Système international d'unités (SI) et les éditions subséquentes vont paraître tous les deux ans. Les stations de jaugeage sont présentées par province ou territoire et placées dans l'ordre de leur position, d'amont en aval. Des cartes en couleurs, qui indiquent l'emplacement des stations hydrométriques en service, y compris celles qui ne le sont plus, ont paru dans les première et deuxième éditions ainsi que dans le *Supplément de cartes hydrométriques* de 1972 et de 1977. L'édition la plus récente de l'*Index de référence* et celle du *Supplément de cartes hydrométriques* annulent les éditions antérieures.

The first edition of a publication series titled *Historical Streamflow Summary* was produced for data to 1970. Subsequent editions have been published every three years. This publication series contains a summary of historical monthly and annual mean discharges and annual extremes for the entire period of record for all stations where streamflow data have been collected during the history of the Water Survey of Canada. Data are published by province or region, as for the annual Surface Water Data publications. Commencing with the 1979 publications, data are presented in the International System of Units (SI). Editions subsequent to 1982 will be published every two years. The latest edition supersedes all previous editions, since it contains any corrections or additions since the last publication.

La première édition d'une série de publications intitulée *Sommaire chronologique de l'écoulement* renfermait les données disponibles jusqu'en 1970. Les éditions subséquentes étaient publiées tous les trois ans. Cette série de publications renferme un résumé des moyennes mensuelles et annuelles des débits ainsi que les débits extrêmes annuels pour toute la période d'enregistrement et pour toutes les stations où des données de débit sont recueillies par la Division des relevés hydrologiques du Canada. Les données sont publiées par province ou région, comme c'est le cas pour les publications annuelles des données sur les eaux de surface. À partir de 1979, les données sont fournies dans le Système international d'unités (SI). Les éditions subséquentes à 1982 vont paraître tous les deux ans. L'édition la plus récente annule toutes les éditions antérieures, car elle renferme toutes les corrections et mises à jour depuis la dernière parution.

The first edition of a publication series titled *Historical Water Levels Summary* was produced for data to 1976. This publication series contains a summary of historical monthly and annual mean water levels and annual extremes for the period of record for all stations on lakes or reservoirs where water level data have been collected during the history of the Water Survey of Canada. It also contains a summary of water level data for all stations on rivers where "water levels only" were collected or for certain stations on rivers where streamflow data are collected, but the historical water level information is considered to be of sufficient demand to warrant inclusion in the publication (daily water levels for stations where streamflow data are collected are not normally published in the annual Surface Water Data publications). Data are published by province or region, as for the annual Surface Water Data publications. Commencing with the 1979 publications, data are presented in the International System of Units (SI). Editions subsequent to 1983 will be published every two years. The latest edition supersedes all previous editions, since it contains any corrections or additions since the last publication.

La première édition d'une série de publications intitulée *Sommaire chronologique des niveaux d'eau* comprenait les données disponibles jusqu'en 1976. Cette série de publications contient un résumé des niveaux moyens mensuels et annuels ainsi que des niveaux extrêmes annuels pour la période d'enregistrement pour toutes les stations de lacs ou de réservoirs où des données sur les niveaux d'eau sont recueillies par la Division des relevés hydrologiques du Canada. Elle renferme également un résumé des niveaux d'eau pour toutes les stations de rivières effectuant «uniquement» des relevés de niveaux d'eau ou pour certaines stations de rivières où des données de débit sont recueillies de même que des données sur les niveaux d'eau qui peuvent répondre aux besoins des utilisateurs (en général, les niveaux d'eau quotidiens de stations effectuant des relevés de débit ne sont pas publiées dans les publications annuelles des données sur les eaux de surface). Les données sont publiées par province ou région, comme c'est le cas pour les publications annuelles des données sur les eaux de surface. À partir de 1979, les données sont fournies dans le Système international d'unités (SI). Les éditions subséquentes à 1983 vont paraître tous les deux ans. L'édition la plus récente annule toutes les éditions antérieures, car elle renferme toutes les corrections et mises à jour depuis la dernière parution.

During the years 1948 to 1960, some sediment data were collected for several Prairie rivers to meet the needs of particular projects. The first Water Resources Paper series containing sediment data incorporated a selection of these data and also data for part of the year ending September 30, 1961, at stations established for the continuing program. The second issue was a biennial publication covering only the continuing program for the 1962 and 1963 water years. All subsequent editions titled *Sediment Data Canadian Rivers* have been published annually. The sediment data since 1978 have been presented entirely in the International System of Units (SI).

De 1948 à 1960, on a recueilli des données pour plusieurs cours d'eau des Prairies en prévision de la réalisation de certains projets. La première publication contenant des données sur les sédiments a paru dans la série intitulée *Water Resources Paper*; elle présentait un choix de ces données ainsi que des données recueillies en 1961 avant le 30 septembre à des stations établies pour la réalisation du programme permanent. La deuxième publication a porté sur les données recueillies dans le cadre du programme au cours des années hydrologiques 1962 et 1963. Par la suite, les données ont été publiées annuellement sous le titre *Données sur les sédiments - rivières canadiennes*. Depuis 1978, les données sont exprimées en unités du Système international (SI).

Commencing with 1984, the *Sediment Data* are presented and published in a new format wherein Canada is divided into eight regions. The provinces each represent a separate region except for New Brunswick, Newfoundland, Nova Scotia and Prince Edward Island, which together form the Atlantic Provinces region, and the Yukon and Northwest Territories which make up another. The publications are identified by the province or territories covered and the year in which the data were collected. These data are published annually on a calendar-year basis and the stations are listed alphabetically.

The first edition of a *Sediment Data Reference Index* was published for data to 1972. It contains a tabulation of locations in Canada where sediment data were collected by the Water Survey of Canada. The index has been subdivided alphabetically by province or territory, with sediment survey stations also listed alphabetically. Commencing with the 1978 publication, data are presented in the International System of Units (SI) and will continue to be published biennially. The latest edition supersedes all previous editions because it contains any corrections or additions since the last publication.

The first edition of a new publication series titled *Historical Sediment Data Summary for Canadian Rivers* was produced for data to 1974. This publication contains a summary of historical monthly and annual mean suspended sediment load, and annual extremes of daily suspended sediment concentration and loads and total annual suspended load. Commencing with the 1978 publication, data are presented entirely in the International System of Units (SI). This publication has been discontinued, as much of the information is now included in the new annual *Sediment Data* publication.

METHOD OF TABULATION OF SURFACE WATER DATA

For gauging stations where a systematic record of water level or discharge was obtained during the year under review, the following are given where available:

1. Table of daily water level or discharge;
2. Summary of monthly and annual data;
3. Descriptive information.

1. *The table of daily water level* or *discharge* gives the daily water level in metres or the daily discharge in cubic metres per second at the gauging station.

The following standard symbols are used opposite the daily stage or discharge to which they apply:

A – Manual Gauge – indicates that one or more manual gauge observations per day were obtained and used as the mean for the day for a gauging station equipped with a recording gauge. This symbol is used during open-water periods only.

B – Ice Conditions – indicates that for a gauging station where discharge data are obtained the presence of ice has affected the stage-discharge relationship.

E – Estimated – indicates any estimated data. It indicates that the value was determined by some indirect method such as interpolation, extrapolation, estimation from a graph of observed readings, comparison with other streams or by comparison with meteorological data.

En 1984, la présentation des données a été modifiée. Le Canada a été divisé en huit régions, une région pour chaque province, sauf le Nouveau-Brunswick, Terre-Neuve, la Nouvelle-Écosse et l'Île-du-Prince-Édouard qui, ensemble, forment la région des provinces de l'Atlantique, et les Territoires du Yukon et du Nord-Ouest, qui forment une autre région. Les publications sont nommées selon la région couverte et l'année des données (année civile). Ces publications sont annuelles. Les stations y sont présentées par ordre alphabétique.

Un *Index de référence des données sur les sédiments* est publié. La première édition portait sur les données disponibles jusqu'en 1972. Les emplacements où des données sur les sédiments ont été recueillies au Canada par la Division des relevés hydrologiques y sont présentés sous forme de tableau. L'*Index* est subdivisé selon l'ordre alphabétique par province ou territoire, et les stations de mesure des sédiments sont classées par ordre alphabétique. À partir de 1978, les données sont exprimées en unités du Système international (SI). L'*Index* est publié tous les deux ans; l'édition la plus récente annule toutes les éditions antérieures, car elle renferme toutes les corrections et mises à jour effectuées depuis la dernière parution.

Une autre série de publications a porté le titre *Sommaire chronologique des données sur les sédiments de rivières canadiennes*. La première édition renfermait les données disponibles jusqu'en 1974. Cette série présentait un résumé donnant les moyennes mensuelles et annuelles historiques du débit des sédiments en suspension, les valeurs annuelles extrêmes de la concentration journalière et du débit journalier des sédiments en suspension et le débit annuel total des sédiments en suspension. À partir de 1978, les données ont été présentées en unités du Système international (SI). Cette série a été abandonnée, car une bonne partie de l'information est maintenant contenue dans la nouvelle publication annuelle intitulée *Données sur les sédiments*.

PRÉSENTATION SOUS FORME DE TABLEAUX DES DONNÉES SUR LES EAUX DE SURFACE

Pour les stations de jaugeage où on a effectué, au cours de l'année étudiée, un relevé systématique du débit ou du niveau, les données suivantes sont présentées, pour autant qu'elles soient disponibles:

1. un tableau du niveau ou du débit quotidien;
2. un extrait des données mensuelles et annuelles;
3. des renseignements descriptifs.

1. *Le tableau du niveau* ou *du débit quotidien* donne la hauteur des eaux, en mètres ou le débit, en mètres cubes par seconde, mesuré à la station de jaugeage.

Les symboles normalisés donnés ci-après sont inscrits à côté des valeurs auxquelles ils se rapportent:

A – Jauge manuelle – indique qu'on a effectué à une station de jaugeage dotée d'une jauge enregistreuse au moins une observation par jour à l'aide d'une jauge manuelle et qu'on s'en est servi comme moyenne pour la journée en question. Le symbole n'est employé qu'au cours de périodes d'eau libre.

B – Glaces – indique, pour les données portant sur le débit, que la présence de glaces à la station de jaugeage a faussé la relation hauteur-débit.

E – Estimatives – indique une donnée estimative, c'est-à-dire qu'on a déterminé la valeur de façon indirecte, par exemple par interpolation, extrapolation, à l'aide de graphique, ou par comparaison avec d'autres cours d'eau ou avec des données météorologiques.

2. *A summary of monthly and annual data* is given below the table of daily data.

For stations where only water level data are obtained, both a monthly and annual summary are given.

The monthly summary gives:
(a) the mean water level in metres for complete months;
(b) the maximum and minimum daily water level in metres.

The summary for the year gives:
(a) the mean water level in metres for complete years;
(b) the maximum and minimum daily water levels and their dates of first occurrence where applicable;
(c) the maximum instantaneous water level and the time of occurrence where available.

For stations where discharge data are collected, both a monthly and annual summary are given.

The monthly summary gives:
(a) the total of the daily discharge values for complete months;
(b) the mean discharge in cubic metres per second;
(c) the total discharge in cubic decametres;
(d) the maximum and minimum daily discharges in cubic metres per second.

The summary for the year or period gives:
(a) the mean discharge in cubic metres per second;
(b) the total discharge in cubic decametres;
(c) the maximum and minimum daily discharges and their dates of first occurrence;
(d) the maximum instantaneous discharge and the time of occurrence, where available.

3. *The descriptive information* about the gauging station is also given below the table of daily data and will indicate the following where applicable:

International Gauging Stations – on waters adjacent to the international boundary, certain gauging stations have been designated as "International" and records are approved jointly. Differences between figures published herein and corresponding figures in United States Water Supply Papers are due to variations in automated data processing techniques.

Type of Gauge – refers to the installation or method used to obtain water level or discharge data:

(a) Manual – a non-recording type of gauge from which observations of stage normally are obtained once daily.
(b) Recording – a water-stage recorder from which continuous water levels are obtained on an analog chart. For most International Gauging Stations located in the United States, water level records are obtained utilizing a digital recorder.
(c) Power Plant Rating – this indicates that records were obtained using the latest available rating of the Power Plant.

2. *Un extrait des données mensuelles et annuelles* est donné au-dessous du tableau des données quotidiennes.

Les extraits mensuels et annuels sont présentés dans le cas des stations où on n'a mesuré que le niveau.

L'extrait mensuel donne:
(a) le niveau moyen en mètres pour le mois entier, et
(b) les niveaux quotidiens maximal et minimal en mètres.

L'extrait annuel donne:
(a) le niveau moyen en mètres pour l'année entière;
(b) les niveaux quotidiens maximal et minimal ainsi que les dates de leur première observation, s'il y a lieu, et
(c) le niveau maximal instantané et l'heure de l'observation, s'il y a lieu.

Les extraits mensuels et annuels sont présentés dans le cas des stations où on n'a mesuré que le débit.

L'extrait mensuel donne:
(a) le total des valeurs quotidiennes du débit, pour le mois entier;
(b) le débit moyen en mètres cubes par seconde;
(c) le débit total en décamètres cubes, et
(d) les débits quotidiens maximal et minimal en mètres cubes par seconde.

L'extrait annuel ou périodique donne:
(a) le débit moyen en mètres cubes par seconde;
(b) le débit total en décamètres cubes;
(c) les débits quotidiens maximal et minimal ainsi que les dates de première observation, s'il y a lieu, et
(d) le débit maximal instantané et l'heure de l'observation, s'il y a lieu.

3. *Les renseignements descriptifs* sur les stations de jaugeage sont également présentés sous le tableau des données quotidiennes et apportent les précisions qui suivent, s'il y a lieu:

Stations internationales de jaugeage (International Gauging Stations) – Dans les eaux contiguës aux frontières, on a désigné certaines stations comme «internationales», et les données prélevées sont approuvées par les pays concernés. Les différences entre les chiffres publiés dans la présente publication et les *United States Water Supply Papers* proviennent de variantes dans les techniques de traitement automatique des données.

Type de jauge (Type of Gauge) – Il s'agit des jauges ou des méthodes de jaugeage utilisées pour obtenir les données sur le niveau et le débit d'un cours d'eau:

(a) Manuelle (Manual) – indique qu'un appareil non enregistreur sert à obtenir une fois par jour les données sur le niveau et le débit d'un cours d'eau.
(b) Enregistreuse (Recording) – indique qu'un limnigraphe permet de mesurer de façon continue le niveau des eaux tracé sur une carte analogique. La plupart des stations internationales de jaugeage des États-Unis obtiennent les données sur le niveau des eaux à l'aide d'un enregistreur numérique.
(c) Régime des stations hydrauliques (Power Plant Rating) – indique qu'on a obtenu les données grâce aux valeurs les plus récentes des régimes mesurés dans les stations hydrauliques.

Location – the latitude and longitude co-ordinates of the location of the gauge are given. For stations where the gauge is located an appreciable distance from the discharge measurement section, these co-ordinates give the location of the discharge measurement section.

Drainage Area – this is the latest available drainage area and refers to that area enclosed by a topographic divide such that direct surface runoff from precipitation would drain by gravity into the stream upstream from the location of the station. For a gauging station on a lake, this refers to the total drainage area at the outlet of the lake.

Contributed Data – if data were supplied in their entirety by an outside agency, the name of the co-operating agency is given.

Natural Flow or *Regulated* – where the flow is known to be natural, this is indicated. The flow of water in many river systems is affected by upstream regulation. In some cases, the extent of this regulation is not known and therefore is not indicated. However, where the regulation is known to be "appreciable", this is indicated as well as the year that the regulation began, if known.

Gauge Datum – for stations where only water level data are available, the name of the datum, to which water levels are referred, is given as well as an equation to convert to another datum if applicable. Detailed information on the description of the bench marks to which water levels are referred is available from the appropriate Regional Chief.

Remarks – unusual conditions which occur at a station are explained.

REVISIONS

A number of corrections or revisions have been made to previously published data. Many of these were required because of typographical or computational errors which were exposed when daily discharges were stored on magnetic tape and monthly means were re-calculated by computer. Other errors were discovered or different interpretations of basic data were made during the systematic review of historical streamflow data presently underway, for example, these revisions may have been justified because a more reliable stage-discharge relationship had been developed.

Revisions to daily discharges or daily water levels are not published at present. However, those stations where a systematic review has been conducted are identified in the Surface Water Data Reference Index publication. The Historical Streamflow Summary publications contain revisions to monthly and annual mean discharges, and annual extremes of discharge. The Historical Water Levels Summary publications contain revisions to monthly and annual mean water levels, and annual extremes of water level. Recent revisions, corrections or additions made to the historical discharges and water levels are indicated by an "R" symbol in the summary publications. This "R" symbol is deleted from the data bank after publication of the summaries. Detailed information on revisions to historical data is available from the appropriate Regional Chief.

Emplacement (Location) – La latitude et la longitude de la station de jaugeage sont indiquées. Dans les cas où l'équipement de mesure est situé à un endroit éloigné de la section où le jaugeage est effectué, on indique les coordonnées de cette section.

Superficie du bassin versant (Drainage Area) – Il s'agit de la superficie du bassin versant déterminée d'après les cartes les plus récentes et désigne la zone délimitée par une ligne de partage des eaux de sorte que l'écoulement d'averse est entraîné par gravité vers le cours d'eau en amont de la station. S'il s'agit d'une station située sur un lac, elle représente la superficie totale jusqu'à l'émissaire du lac.

Données fournies (Contributed Data) – Nom de l'organisme extérieur qui a fourni les données.

Débit naturel ou *régularisé* (Natural Flow or Regulated) – Un débit reconnu comme naturel est indiqué comme tel. Le débit de plusieurs réseaux hydrographiques est modifié par une régularisation qui est effectuée en amont. Il arrive parfois que l'importance de cette régularisation ne soit pas connue, et elle n'est donc pas indiquée. Cependent, quand on sait que la régularisation est d'une certaine importance, on l'indique ainsi que l'année où elle a débuté (si elle est connue).

Plan de référence des jauges (Gauge Datum) – Pour les stations dans lesquelles on ne mesure que le niveau de l'eau, on indique le plan de référence de la jauge en question et l'équation permettant, au besoin, de convertir ce plan en un autre plan. En s'adressant au chef régional concerné, on peut obtenir des renseignements plus précis au sujet des niveaux de référence auxquels correspondent les niveaux mesurés.

Remarques (Remarks) – Les conditions inhabituelles qui prévalent à une station sont expliquées.

RÉVISIONS

On a corrigé ou révisé beaucoup de données déjà publiées. Il a été nécessaire d'effectuer plusieurs corrections, car on a relevé des erreurs typographiques ou de calculs lorsqu'on a enregistré les débits quotidiens sur rubans magnétiques et qu'on a recalculé à l'aide d'ordinateurs les moyennes mensuelles. On a aussi relevé d'autres erreurs ou fait des interprétations différentes de données de base au cours de la révision rétrospective systématique des données de débit qu'on est à faire en ce moment. Ainsi, on peut justifier des corrections, par le fait qu'on ait trouvé une relation hauteur-débit plus sûre.

Les corrections apportées aux débits quotidiens ou aux niveaux d'eau quotidiens ne sont pas publiées, du moins pour le moment. Cependant, les stations où on a effectué une révision systématique sont identifiées dans l'*Index de référence des données sur les eaux de surface*. Les publications intitulées *Sommaire chronologique de l'écoulement* contiennent des données sur les moyennes mensuelles et annuelles des débits et sur les extrêmes annuels des débits qu'on a révisées. Les publications intitulées *Sommaire chronologique des niveaux d'eau* renferment les révisions apportées aux niveaux moyens mensuels et annuels ainsi que les extrêmes annuels. Les révisions et corrections apportées récemment aux débits chronologiques et aux niveaux d'eau sont accompagnées du symbole «R» dans les publications sommaires. Ce symbole «R» est omis de la banque de données après la publication des sommaires. On peut obtenir plus de détails sur les révisions en s'adressant au chef régional concerné.

ACCURACY OF HYDROMETRIC DATA

The overall accuracy or the degree of reliability of hydrometric data referred to herein, depends upon

(1) The type of gauge, stability of gauge, accuracy of observation of stage and measurement of reference datum,

(2) The stability of the stage-discharge relationship; or if the control is unstable, the frequency and accuracy of discharge measurements, and

(3) The computation procedures and interpretation of records.

Because of all these variable factors, the number of significant figures used herein has been standardized for uniformity of presentation and does not reflect the degree of accuracy of the data. The Water Resources Branch standard for storing water level data is to three decimal points (0.001 m), although some contributing agencies provide data to two decimal points (0.01 m).

A measure of the reliability of the records can be made by an examination of the distribution of the symbols A, E and B (for discharge data).

In general, data collected during open-water periods are more reliable than those collected during periods of ice conditions or those obtained by estimation. Further, water level data collected utilizing a water-stage recorder are more reliable and accurate than those using a manual gauge only, especially for small or flashy streams.

EXACTITUDE DES DONNÉES HYDROMÉTRIQUES

La précision totale ou le degré d'exactitude des données hydrométriques dont on parle ici sont basés sur

(1) Le type de jauge, la stabilité de la gauge, la précision des observations sur les niveaux et de la mesure de la donnée de référence,

(2) La stabilité de la relation hauteur-débit ou, si l'élément régulateur est changeant, sur la fréquence et la précision des mesures de débits, et

(3) L'évaluation des procédés et l'interprétation des chiffres.

À cause de toutes les variables déjà mentionnées, on a normalisé pour des fins d'uniformité de présentation le nombre de chiffres significatifs, mais ceci ne réflète pas le degré d'exactitude des données. Dans la Direction des ressources en eau, les normes de cueillette des données sur le niveau des eaux sont de l'ordre de trois décimales (0.001 m), alors que certains organismes dans ce domaine n'exigent que deux décimales (0.01 m).

L'exactitude des données peut être appréciée par l'examen de la répartition des symboles A, E et B (pour les données de débits).

En général, les données recueillies au cours des périodes d'eau libre sont plus sûres que celles qui sont obtenues au cours des périodes de glaces ou par estimation. De plus, les données sur le niveau des eaux qui sont mesurées à l'aide d'un limnigraphe sont plus certaines et plus exactes que celles qui sont mesurées à l'aide d'une jauge manuelle seulement, surtout dans le cas de petits cours d'eau ou de cours d'eau à crues très rapides.

SURFACE WATER DATA/DONNÉES SUR LES EAUX DE SURFACE

ABITIBI RIVER AT ABITIBI CANYON - STATION NO. 04HE002

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1988

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	142	211	215	250	1 380	333	272	171	286	338	388	577	1
2	190	212	184	278	1 340	336	215	287	289	334	339	493	2
3	178	187	200	288	1 430	347	185	162	289	333	336	463	3
4	208	174	230	280	1 520	333	231	262	274	326	324	448	4
5	238	185	210	309	1 560	310	218	295	232	289	310	358	5
6	191	205	202	290	1 480	303	219	671	239	285	588	316	6
7	173	186	235	288	1 420	218	231	704	274	285	1 030	418	7
8	200	213	215	402	1 380	206	243	489	279	282	1 040	428	8
9	188	210	244	428	1 280	248	217	378	284	283	1 030	328	9
10	212	218	202	388	1 230	218	181	410	285	239	789	298	10
11	211	195	251	387	1 180	208	190	353	285	282	732	286	11
12	231	182	201	408	805	193	185	312	261	284	748	275	12
13	223	182	251	408	817	198	213	301	284	310	878	300	13
14	248	227	221	445	1 380	188	187	342	275	334	774	281	14
15	242	211	191	804	1 310	175	217	741	310	382	783	277	15
16	192	182	235	497	1 310	175	223	630	312	341	785	259	16
17	208	188	214	442	1 130	193	183	827	289	344	1 080	280	17
18	209	171	217	382	848	203	188	648	220	326	1 120	274	18
19	200	204	200	398	1 020	220	188	535	261	318	885	317	19
20	223	190	227	401	921	178	182	372	288	330	758	283	20
21	198	215	247	404	843	183	189	371	283	385	629	278	21
22	201	230	250	348	850	223	180	321	223	362	679	281	22
23	208	191	288	344	808	226	192	297	257	385	609	328	23
24	218	192	288	385	813	245	191	278	270	333	535	308	24
25	203	238	242	393	809	281	175	308	439	318	885	270	25
26	220	210	242	483	377	302	224	288	440	305	897	244	26
27	200	209	245	617	288	289	185	218	302	321	838	205	27
28	204	227	233	730	289	380	183	283	387	312	1 080	182	28
29	208	218	208	808	288	311	230	277	491	300	911	274	29
30	194		248	1 130	316	270	208	300	404	289	822	283	30
31	218		278		323		178	282		414		289	31
TOTAL	6 382	5 671	7 077	12 983	28 573	7 498	6 205	12 241	8 812	9 957	21 377	9 878	TOTAL
MEAN	206	202	228	433	884	250	200	395	287	321	713	319	MEAN
MAX	248	238	278	1 130	1 560	380	272	830	491	414	1 120	577	MAX
MIN	142	182	191	288	288	178	183	171	220	238	310	192	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 377
MAXIMUM DAILY, 1 560 ON MAY 5
MINIMUM DAILY, 142 ON JAN 1

DATA CONTRIBUTED BY -
ONTARIO HYDRO

SUMMARY FOR THE YEAR 1988

TYPE OF GAUGE - POWER PLANT
LOCATION - LAT 49 52 55 N
LONG 81 34 00 W
DRAINAGE AREA, 32 900 km²

REGULATED

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	851 000	JUL	536 000
FEB	907 000	AUG	1 060 000
MAR	611 000	SEP	770 000
APR	1 120 000	OCT	880 000
MAY	2 580 000	NOV	1 850 000
JUN	848 000	DEC	853 000

TOTAL DISCHARGE, 11 900 000 dam³

ABITIBI RIVER AT IROQUOIS FALLS - STATION NO. 04HC001

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1988

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	131	149	172	177	386	217	139	174	178	208	214	281	1
2	163	152	168	183	380	212	186	184	182	215	216	281	2
3	186	137	153	124	361	212	169	183	187	207	208	281	3
4	178	152	171	189	450	202	178	182	186	208	216	242	4
5	186	186	186	194	408	191	171	187	181	195	308	245	5
6	153	186	170	262	390	173	173	239	205	189	427	244	6
7	147	168	162	246	456	187	173	219	190	193	387	242	7
8	176	184	158	188	481	185	178	177	182	183	381	233	8
9	178	163	168	187	423	171	183	178	181	188	311	229	9
10	187	147	184	207	375	186	181	182	178	184	283	238	10
11	178	148	172	208	302	186	178	183	181	204	299	223	11
12	183	159	184	186	319	178	178	183	179	214	274	226	12
13	183	184	172	211	636	183	181	188	203	208	429	216	13
14	187	185	176	253	696	186	178	288	184	203	467	218	14
15	188	188	172	223	684	185	174	400	183	192	467	191	15
16	171	187	184	212	612	186	183	321	178	201	512	214	16
17	188	186	181	204	577	177	178	202	178	210	586	214	17
18	187	137	172	212	627	189	176	200	181	230	495	217	18
19	170	186	178	189	540	185	172	198	182	250	463	213	19
20	182	189	138	178	340	187	170	182	177	248	386	212	20
21	181	171	187	188	217	186	176	173	178	238	388	213	21
22	174	187	181	182	261	185	178	173	178	227	371	211	22
23	178	176	171	202	240	142	181	187	184	228	338	213	23
24	188	188	171	189	218	178	184	171	204	211	388	188	24
25	182	181	186	201	208	178	184	189	204	218	384	141	25
26	147	182	183	249	177	173	181	178	203	212	367	180	26
27	184	185	189	271	178	187	188	188	228	213	482	208	27
28	181	170	170	312	178	174	188	180	231	218	428	188	28
29	177	172	171	338	184	187	189	185	223	228	388	191	29
30	174		180	480	188	182	181	178	211	230	387	188	30
31	180		178		208		188	178		228		177	31
TOTAL	5 121	4 780	5 198	8 892	11 718	5 315	5 508	6 289	5 712	6 880	10 888	8 884	TOTAL
MEAN	185	184	188	220	378	177	178	202	190	212	382	215	MEAN
MAX	183	197	183	480	888	217	181	400	231	280	888	281	MAX
MIN	131	137	138	124	178	142	138	188	181	183	208	141	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 218
MAXIMUM DAILY, 888 ON MAY 14
MINIMUM DAILY, 124 ON APR 3

DATA CONTRIBUTED BY -
ABITIBI - PRICE INC.

SUMMARY FOR THE YEAR 1988

TYPE OF GAUGE - POWER PLANT
LOCATION - LAT 48 45 44 N
LONG 80 40 07 W
DRAINAGE AREA, 13 300 km²

REGULATED

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	442 000	JUL	478 000
FEB	411 000	AUG	541 000
MAR	448 000	SEP	484 000
APR	570 000	OCT	588 000
MAY	1 010 000	NOV	936 000
JUN	459 000	DEC	575 000

TOTAL DISCHARGE, 8 830 000 dam³

ABITIBI RIVER AT OWAKAWANA - STATION NO. 04ME003

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1988

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	1950	2880	2800	3900	1 5700	461	332	250	388	483	450	701	1
2	2200	2850	2480	3180	1 620	437	320	194	341	456	396	691	2
3	2850	3050	2400	4350	1 640	454	269	332	340	358	374	803	3
4	2300	2400	2778	2430	1 760	437	263	244	294	383	399	5100	4
5	3100	1880	2680	3700	1 770	377	298	300	273	390	381	5180	5
6	3450	3150	2800	2800	1 720	412	276	425	330	371	441	5200	6
7	2650	2750	3000	3700	1 570	298	287	730	291	337	925	3600	7
8	2600	2600	3300	4800	1 480	278	308	728	310	309	1 030	4100	8
9	2200	2720	2780	5900	1 470	288	300	525	386	307	1 020	4700	9
10	3200	2640	3220	5850	1 480	287	250	477	318	316	954	4000	10
11	2800	2750	2800	4200	1 380	308	248	482	288	287	848	3300	11
12	3050	2770	3438	6500	1 240	284	276	420	350	343	830	3400	12
13	2500	2050	2900	5150	1 030	305	240	384	285	357	782	3588	13
14	3600	2700	3400	5800	1 550	247	244	354	294	395	782	3000	14
15	3358	3200	3158	5758	1 670	234	223	638	358	363	843	3358	15
16	3000	2700	2150	6858	1 520	202	285	998	353	411	834	3300	16
17	2700	2600	2400	6800	1 410	281	285	928	358	406	938	3088	17
18	2500	2828	3300	6858	1 210	283	232	800	308	386	1 130	2858	18
19	2800	2200	2758	5700	1 200	282	243	854	311	385	1 030	3000	19
20	2858	2458	2788	5558	1 140	318	218	831	280	411	871	3700	20
21	2958	2500	3150	5200	985	198	218	414	307	396	789	3358	21
22	3100	2858	3528	5600	712	288	267	437	283	407	707	3200	22
23	3300	3200	3438	5900	887	338	221	328	342	417	738	3300	23
24	2858	2858	2758	5400	878	283	228	384	304	413	858	3400	24
25	2900	2688	2758	5300	858	362	236	334	413	387	833	4150	25
26	2900	3100	3100	6000	938	388	282	385	587	378	819	2458	26
27	2938	2800	3900	5800	454	445	243	305	448	332	830	2700	27
28	2800	3028	3300	7800	446	458	208	319	324	410	873	2238	28
29	2858	2988	3358	9500	381	426	210	347	508	344	1 040	2178	29
30	2900		3400	1 2000	459	308	278	354	504	351	778	3300	30
31	2700		3000		431		238	351		473		3100	31
TOTAL	8 713	7 880	9 421	18 826	35 819	9 892	7 972	14 321	10 481	11 757	22 713	11 819	TOTAL
MEAN	281	272	304	651	1 180	330	257	462	349	379	757	381	MEAN
MAX	380	320	390	1 200	1 770	481	332	998	587	483	1 130	701	MAX
MIN	195	188	218	243	381	198	208	194	273	287	374	217	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 458
MAXIMUM DAILY, 1 770 ON MAY 5
MINIMUM DAILY, 1888 ON FEB 5
MAXIMUM INSTANTANEOUS,
1 810 AT 19:00 EST ON MAY 5

SUMMARY FOR THE YEAR 1988

TYPE OF GAUGE - RECORDING
LOCATION - LAT 50 36 00 N
LONG 81 25 00 W
DRAINAGE AREA, 27 500 km²

B - ICE CONDITIONS

REGULATED

MONTHLY TOTAL DISCHARGE
IN CUBIC DECAMETRES

JAN	753 000	JUL	888 000
FEB	681 000	AUG	1 240 000
MAR	814 000	SEP	804 000
APR	1 450 000	OCT	1 020 000
MAY	3 090 000	NOV	1 880 000
JUN	855 000	DEC	1 020 000

TOTAL DISCHARGE, 14 500 000 dam³

ABITIBI RIVER AT OTTER RAPIDS - STATION NO. 04ME004

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1988

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	170	220	181	237	1 850	417	284	126	350	455	408	658	1
2	199	240	209	328	1 430	432	254	276	373	412	381	580	2
3	188	178	205	180	1 480	427	200	237	232	355	351	498	3
4	233	136	200	304	1 850	412	305	227	325	373	385	482	4
5	282	236	195	221	1 820	384	251	318	232	328	384	505	5
6	198	203	220	298	1 800	371	238	541	311	334	505	334	6
7	190	184	247	364	1 480	228	281	743	233	348	1 020	408	7
8	188	204	207	448	1 420	257	302	648	288	312	1 020	487	8
9	237	198	242	431	1 350	287	258	483	358	310	1 020	420	9
10	218	208	208	311	1 330	302	212	450	317	288	888	317	10
11	228	207	285	486	1 240	238	227	451	285	308	825	321	11
12	188	181	214	385	1 070	248	247	393	305	272	828	350	12
13	273	204	251	433	917	231	208	354	288	398	784	388	13
14	247	241	233	422	1 550	228	180	337	307	348	823	330	14
15	228	211	188	822	1 570	188	188	811	333	372	847	318	15
16	208	184	180	517	1 420	238	281	888	334	353	811	288	16
17	188	212	288	438	1 270	220	217	907	331	384	1 020	281	17
18	214	181	204	427	1 120	288	194	744	284	388	1 130	288	18
19	188	181	209	417	1 200	280	198	658	271	381	888	388	19
20	221	188	233	484	1 100	207	182	472	278	384	821	334	20
21	234	214	287	421	880	221	207	378	242	381	712	302	21
22	250	244	288	441	882	288	248	388	278	377	713	308	22
23	188	209	204	388	882	245	288	344	313	408	884	387	23
24	220	197	282	384	884	320	180	330	322	381	815	385	24
25	218	230	232	488	813	314	187	318	128	383	808	232	25
26	220	205	291	446	582	328	287	326	520	324	808	282	26
27	181	228	248	843	382	373	195	282	383	338	844	218	27
28	213	223	261	798	388	484	147	288	285	381	1 020	303	28
29	218	218	252	878	378	383	282	343	515	392	883	328	29
30	200		218	1 180	445	301	173	329	503	350	888	303	30
31	188		283		385		258	345		438		278	31
TOTAL	5 588	5 823	7 091	13 812	34 078	9 023	7 128	13 718	9 802	11 188	22 388	11 012	TOTAL
MEAN	213	204	228	480	1 100	301	230	442	327	360	748	355	MEAN
MAX	273	244	293	1 180	1 850	484	305	907	520	455	1 130	658	MAX
MIN	188	136	188	180	388	188	147	126	232	265	381	203	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 415
MAXIMUM DAILY, 1 850 ON MAY 1
MINIMUM DAILY, 126 ON AUG 1

DATA CONTRIBUTED BY -
ONTARIO HYDRO

SUMMARY FOR THE YEAR 1988

TYPE OF GAUGE - POWER PLANT
LOCATION - LAT 50 10 55 N
LONG 81 38 12 W
DRAINAGE AREA, 23 400 km²

REGULATED

MONTHLY TOTAL DISCHARGE
IN CUBIC DECAMETRES

JAN	668 000	JUL	818 000
FEB	512 000	AUG	1 180 000
MAR	813 000	SEP	847 000
APR	1 180 000	OCT	884 000
MAY	2 940 000	NOV	1 830 000
JUN	780 000	DEC	851 000

TOTAL DISCHARGE, 13 100 000 dam³

ABITIBI RIVER AT TWIN FALLS - STATION NO. 0AMC002

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1988

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	101	122	148	131	8.95	148	92.5	150	123	135	155	177	1
2	118	122	140	128	8.87	148	117	159	130	138	158	183	2
3	140	95.1	120	81.5	52.3	145	134	137	135	131	155	188	3
4	134	118	128	104	174	145	134	113	135	150	180	188	4
5	131	135	132	53.8	181	143	128	88.8	134	154	185	188	5
6	107	138	131	101	188	124	130	100	134	135	188	188	6
7	119	153	133	40.4	297	117	148	100	134	135	188	188	7
8	142	124	129	11.3	328	139	158	98.2	135	141	188	188	8
9	159	148	135	27.3	275	120	159	98.2	135	137	188	188	9
10	132	114	128	28.7	218	118	161	118	134	135	188	188	10
11	154	112	133	25.5	185	147	150	157	140	134	188	188	11
12	150	136	144	25.7	180	124	151	150	140	134	194	188	12
13	135	145	138	23.2	542	153	152	133	119	134	321	187	13
14	123	143	134	23.6	525	163	159	118	112	134	373	183	14
15	127	134	138	22.8	517	152	153	128	111	135	370	155	15
16	147	138	126	30.0	471	128	158	107	126	135	370	173	16
17	150	121	124	42.8	462	147	159	37.8	128	149	371	163	17
18	127	102	137	48.3	491	130	136	50.3	135	151	369	163	18
19	133	116	153	30.2	445	117	140	111	135	137	335	162	19
20	125	144	144	36.3	293	128	144	104	145	154	284	153	20
21	112	154	126	31.0	129	130	148	88.9	138	155	284	183	21
22	138	115	134	38.1	186	133	151	109	134	166	285	183	22
23	154	138	138	33.7	157	116	158	124	132	163	284	183	23
24	141	145	137	19.1	135	132	151	115	134	154	284	133	24
25	125	143	137	18.1	131	152	151	108	134	156	284	93.9	25
26	117	148	143	27.5	113	119	155	113	135	151	284	148	26
27	134	139	141	27.4	104	119	155	87.5	123	154	285	178	27
28	117	135	137	28.0	93.8	133	174	88.5	135	154	248	175	28
29	151	127	137	40.4	102	119	171	88.5	135	154	188	153	29
30	158		148	57.0	106	119	159	103	135	154	188	153	30
31	120		130		135		172	105		154		132	31
TOTAL	4 137	3 821.1	4 209	1 347.8	7 214.02	4 005	4 665.5	3 395.8	3 953	4 520	7 519	5 380.9	TOTAL
MEAN	133	132	136	44.9	233	134	151	110	132	146	251	174	MEAN
MAX	158	154	153	131	542	153	174	150	145	166	373	188	MAX
MIN	101	95.1	120	11.3	8.95	117	92.5	37.8	111	131	155	93.9	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 148
MAXIMUM DAILY, 542 ON MAY 13
MINIMUM DAILY, 8.95 ON MAY 1

DATA CONTRIBUTED BY -
ABITIBI - PRICE INC.

SUMMARY FOR THE YEAR 1988

TYPE OF GAUGE - POWER PLANT
LOCATION - LAT 48 45 00 N
LONG 80 35 00 W
DRAINAGE AREA, 9 950 km²

REGULATED

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	357 000	JUL	403 000
FEB	330 000	AUG	293 000
MAR	364 000	SEP	342 000
APR	116 000	OCT	391 000
MAY	623 000	NOV	650 000
JUN	346 000	DEC	465 000

TOTAL DISCHARGE, 4 880 000 dam³

ALBANY RIVER ABOVE NOTTIK ISLAND - STATION NO. 04GD001

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1988

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	70.0B	48.2B	38.8B	49.2B	1238	242	273	314	227	484	3708	2488	1
2	69.0B	47.6B	38.8B	50.8B	1308	254	271	304	244	482	3858	2428	2
3	68.0B	46.8B	38.7B	52.6B	141	258	288	292	257	482	3588	2378	3
4	67.0B	46.2B	38.7B	54.6B	150	259	285	289	263	482	353	2328	4
5	66.0B	45.8B	38.6B	56.2B	157	253	287	278	270	479	3458	2268	5
6	65.3B	45.3B	38.6B	58.8B	158	243	257	297	276	477	3338	2218	6
7	64.8B	44.8B	38.5B	61.2B	159	234	271	314	282	468	3228	2178	7
8	64.0B	44.3B	38.4B	64.0B	184	227	280	320	285	484	305	2128	8
9	63.3B	44.0B	38.3B	67.0B	173	221	284	313	288	480	297	2078	9
10	62.5B	43.7B	38.3B	70.0B	198	217	288	307	293	480	288	2028	10
11	61.8B	43.3B	38.2B	74.5B	206	214	289	301	295	454	2828	1988	11
12	60.5B	42.9B	38.2B	77.5B	209	208	287	283	310	442	2808	1948	12
13	60.0B	42.4B	38.2B	81.0B	209	201	280	283	333	434	277	1908	13
14	59.5B	42.1B	38.3B	85.0B	212	202	287	278	353	425	273	1868	14
15	58.7B	41.8B	38.4B	87.5B	213	213	301	271	368	411	288	1828	15
16	58.2B	41.4B	38.5B	90.5B	211	228	307	268	369	408	268	1788	16
17	57.8B	41.0B	38.6B	92.5B	213	239	314	264	373	419	2708	1788	17
18	57.0B	40.6B	38.8B	94.5B	214	251	318	254	377	429	2728	1738	18
19	56.2B	40.3B	38.7B	96.0B	215	272	323	248	378	431	276	1708	19
20	55.6B	40.1B	38.6B	97.0B	216	285	326	241	386	428	2608	1678	20
21	54.8B	40.0B	38.6B	98.5B	218	287	331	232	408	428	2628	1648	21
22	54.0B	39.8B	38.8B	100 B	221	280	332	225	417	427	2638	1618	22
23	53.4B	39.6B	39.0B	101 B	228	268	334	221	426	427	2628	1588	23
24	52.8B	39.4B	39.0B	103 B	230	265	333	218	436	416	2608	1548	24
25	52.0B	39.2B	40.0B	105 B	226	268	328	221	442	413	277	1518	25
26	51.5B	39.1B	42.0B	108 B	224	281	318	218	449	408	273	1488	26
27	50.8B	39.0B	42.6B	110 B	222	292	312	217	453	402	2698	1468	27
28	50.2B	39.0B	44.0B	112 B	218	298	307	218	451	391	2638	1448	28
29	49.5B	39.0B	45.2B	115 B	218	302	308	222	471	385	2588	1418	29
30	49.2B		46.2B	118 B	227	276	316	221	478	3428	2538	1398	30
31	48.6B		47.5B		228		317	221		3788		1378	31
TOTAL	1 811.9	1 226.8	1 235.9	2 532.7	8 131	7 588	8 308	8 161	10 677	13 488	8 803	5 702	TOTAL
MEAN	58.4	42.3	39.9	84.4	188	253	300	263	388	434	283	184	MEAN
MAX	70.0	48.2	47.5	118	230	292	334	320	478	484	370	248	MAX
MIN	48.6	39.0	38.2	49.2	123	201	257	218	227	378	263	137	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 209
MAXIMUM DAILY, 484 ON OCT 1
MINIMUM DAILY, 38.2B ON MAR 11
MAXIMUM INSTANTANEOUS,
488 AT 09:35 EST ON OCT 1

SUMMARY FOR THE YEAR 1988

TYPE OF GAUGE - RECORDING
LOCATION - LAT 51 36 30 N
LONG 88 23 50 W
DRAINAGE AREA, 32 400 km²

B - ICE CONDITIONS

REGULATED

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	157 000	JUL	804 000
FEB	106 000	AUG	708 000
MAR	107 000	SEP	922 000
APR	218 000	OCT	1 150 000
MAY	530 000	NOV	761 000
JUN	855 000	DEC	493 000

TOTAL DISCHARGE, 6 820 000 dam³

ALBANY RIVER NEAR HAT ISLAND - STATION NO. 04HA001

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1988

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	2870	1850	1150	1330	3 000B	1 720	1 520	751	812	2 030	1 300B	1 010B	1
2	2820	1820	1140	1410	3 410	1 700	1 450	788	805	1 950	1 270B	940B	2
3	2760	1590	1140	1500	3 720	1 700	1 350	760	811	1 880	1 250	900B	3
4	2700	1560	1130	1820	3 930	1 700	1 250	740	812	1 780	1 280	850B	4
5	2850	1530	1120	1800	4 080	1 630	1 150	721	828	1 670	1 280	810B	5
6	2800	1510	1120	2100	4 020	1 560	1 080	734	830	1 810	1 250B	770B	6
7	2550	1480	1110	2500	3 880	1 430	1 050	785	814	1 580	1 180	735B	7
8	2500	1470	1110	3000	3 630	1 320	1 060	878	804	1 500	1 080	705B	8
9	2460	1450	1100	3500	3 460	1 230	1 080	1 000	785	1 440	1 070	675B	9
10	2420	1430	1100	4300	3 390	1 150	1 070	1 040	784	1 380	1 000B	650B	10
11	2380	1410	1100	5000	3 420	1 080	1 040	1 010	771	1 320	1 140B	625B	11
12	2320	1390	1100	5800	3 420	1 010	1 000	982	788	1 280	1 150B	605B	12
13	2280	1380	1100	5500	3 320	961	952	925	821	1 260	1 150	590B	13
14	2240	1360	1100	7700	3 280	910	928	884	805	1 230	1 150	570B	14
15	2200	1350	1100	8800	3 280	910	922	853	1 030	1 180	1 120	555B	15
16	2150	1330	1100	1 000B	3 230	928	928	849	1 100	1 150	1 120	540B	16
17	2120	1310	1100	1 110B	3 100	1 030	946	1 040	1 150	1 130	1 180	520B	17
18	2080	1300	1100	1 270B	2 940	1 130	941	1 230	1 160	1 180	1 250B	502B	18
19	2040	1280	1110	1 420B	2 780	1 200	934	1 230	1 170	1 280	1 370B	490B	19
20	2000	1260	1120	1 470B	2 640	1 270	916	1 130	1 290	1 440	1 480B	475B	20
21	1970	1250	1120	1 480B	2 490	1 440	880	1 050	1 480	1 520	1 540B	480B	21
22	1940	1240	1130	1 500B	2 380	1 600	871	962	1 800	1 580	1 570B	480B	22
23	1910	1220	1130	1 520B	2 280	1 630	848	875	2 090	1 570	1 570B	440B	23
24	1880	1210	1130	1 570B	2 180	1 600	830	821	2 250	1 580	1 540B	430B	24
25	1850	1200	1140	1 620B	2 050	1 570	823	778	2 280	1 570	1 500B	420B	25
26	1820	1190	1150	1 580B	1 950	1 580	801	738	2 280	1 570	1 400B	410B	26
27	1780	1180	1160	1 500B	1 840	1 700	788	732	2 250	1 540	1 310B	400B	27
28	1750	1170	1180	1 480B	1 740	1 670	771	788	2 200E	1 580	1 220B	380B	28
29	1720	1160	1220	2 200B	1 670	1 680	748	780	2 120A	1 500	1 130B	382B	29
30	1700		1280	2 500B	1 630	1 780	737	801	2 090	1 420B	1 070B	375B	30
31	1670		1280		1 880		744	814		1 380B		388B	31
TOTAL	8 814	3 949	3 518	29 848	89 700	42 189	30 884	27 389	38 148	45 880	37 870	18 042	TOTAL
MEAN	220	138	113	995	2 880	1 410	986	884	1 300	1 480	1 270	582	MEAN
MAX	287	185	128	2 500	4 080	1 870	1 620	1 230	2 280	2 030	1 870	1 010	MAX
MIN	167	118	110	133	1 630	810	737	721	771	1 130	1 060	368	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 1 020
MAXIMUM DAILY, 4 080 ON MAY 5
MINIMUM DAILY, 110B ON MAR 8
MAXIMUM INSTANTANEOUS,
4 080 AT 18:00 EST ON MAY 5

SUMMARY FOR THE YEAR 1988

TYPE OF GAUGE - RECORDING
LOCATION - LAT 51 19 30 N
LONG 83 52 20 W
DRAINAGE AREA, 118 000 km²
A - MANUAL GAUGE
B - ICE CONDITIONS
E - ESTIMATED
REGULATED SINCE 1934

MONTHLY TOTAL DISCHARGE
IN CUBIC DECAMETRES

JAN	589 000	JUL	2 840 000
FEB	341 000	AUG	2 370 000
MAR	304 000	SEP	3 380 000
APR	2 580 000	OCT	3 870 000
MAY	7 750 000	NOV	3 280 000
JUN	3 840 000	DEC	1 560 000

TOTAL DISCHARGE, 32 400 000 dam³

REMARKS - GAUGE RELOCATED APPROX 3.5 km DOWNSTREAM SEP 28 1988

ALDER CREEK NEAR NEW DUNDEE - STATION NO. 02GA030

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1988

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	0.131	1.45	0.1028	0.288	0.147	0.048E	0.037	0.186	0.039	0.041	0.074	0.103	1
2	0.1348	0.427	0.1018	0.274	0.121	0.048E	0.032	0.098	0.038	0.102	0.071	0.087	2
3	0.1388	0.3308	0.1208	0.591	0.092	0.045E	0.034	0.082	0.238	0.084	0.076	0.076	3
4	0.140	0.2508	0.1408	0.788	0.081	0.044E	0.031	0.088	0.139	0.082	0.081	0.083	4
5	0.138	0.2388	0.1058	0.480	0.076	0.043E	0.038	0.057	0.088	0.050	0.231	0.072	5
6	0.1808	0.2128	0.1308	0.374	0.067	0.042E	0.038	0.050	0.084	0.048	0.343	0.077	6
7	0.1428	0.1868	0.1708	0.308	0.064	0.042E	0.036	0.044	0.080	0.048	0.228	0.082	7
8	0.125	0.1618	0.2508	0.228	0.060	0.041E	0.033	0.042	0.085	0.047	0.278	0.087	8
9	0.107	0.1788	1.71 B	0.181	0.058	0.041E	0.034	0.043	0.088	0.043	0.271	0.081	9
10	0.088	0.1658	0.7008	0.157	0.078	0.040E	0.025	0.041	0.050	0.111	0.578	0.0588	10
11	0.075	0.1618	0.5008	0.141	0.055	0.040E	0.037	0.043	0.042	0.381	0.331	0.0528	11
12	0.078	0.1608	0.3708	0.129	0.052	0.038E	0.064	0.054	0.042	0.125	0.178	0.0488	12
13	0.086	0.1598	0.3108	0.131	0.074	0.038E	0.035	0.058	0.055	0.085	0.824	0.0488	13
14	0.0818	0.1758	0.2608	0.150	0.057	0.038A	0.033	0.043	0.047	0.074	0.410	0.049	14
15	0.1008	0.1808	0.2508	0.172	0.154	0.038	0.032	0.082	0.043	0.080	0.205	0.0478	15
16	0.1058	0.7208	0.2258	0.121	0.434	0.040	0.048	0.043	0.044	0.048	0.171	0.0458	16
17	0.1708	0.6008	0.2108	0.110	0.182	0.039	0.228	0.044	0.052	0.064	0.145	0.0448	17
18	0.8828	0.4008	0.1888	0.153	0.128	0.038	0.054	0.043	0.048	0.286	0.121	0.0438	18
19	0.3008	0.2508	0.1878	0.133	0.114	0.037	0.044	0.040	0.042	0.138	0.110	0.043	19
20	1.00 B	0.1808	0.1808	0.188	0.116	0.036	0.041	0.036	0.048	0.087	0.428	0.0808	20
21	0.4008	0.1198	0.1738	0.184	0.127	0.034	0.043	0.031	0.044	0.084	0.639	0.0828	21
22	0.2008	0.1288	0.1898	0.127	0.083E	0.038	0.043	0.031	0.044	0.107	0.273	0.0608	22
23	0.157	0.3508	2.10 B	0.183	0.080E	0.038	0.081	0.040	0.088	0.094	0.189	0.1508	23
24	0.126	0.2808	2.14	0.185	0.072E	0.038	0.052	0.050	0.044	0.131	0.174	0.1008	24
25	0.111	0.1808	2.77	0.128	0.067E	0.038	0.041	0.048	0.038	0.245	0.150	0.0788	25
26	0.1008	0.1158	1.88	0.118	0.062E	0.028	0.043	0.041	0.038	0.180	0.121	0.0708	26
27	0.1088	0.1078	0.788	0.121	0.058E	0.029	0.038	0.040	0.038	0.141	0.142	0.1808	27
28	0.1158	0.1058	0.411	0.133	0.055E	0.034	0.038	0.037	0.048	0.183	0.112	0.8008	28
29	0.1808	0.1038	0.438	0.145	0.053E	0.037	0.038	0.038	0.041	0.138	0.085	0.2008	29
30	0.818		0.488	0.184	0.051E	0.038	1.58	0.042	0.040	0.085	0.081	0.1408	30
31	1.84		0.347		0.049E		1.38	0.042		0.073		0.1008	31
TOTAL	7.648	8.055	17.885	5.827	2.898	1.188	4.188	1.593	1.758	3.474	6.838	3.018	TOTAL
MEAN	0.247	0.278	0.577	0.218	0.087	0.039	0.135	0.051	0.059	0.112	0.231	0.087	MEAN
MAX	1.84	1.45	2.77	0.788	0.434	0.048	1.58	0.186	0.238	0.381	0.639	0.800	MAX
MIN	0.075	0.103	0.101	0.110	0.049	0.028	0.028	0.031	0.038	0.041	0.071	0.043	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 0.178
MAXIMUM DAILY, 2.77 ON MAR 25
MINIMUM DAILY, 0.028 ON JUL 10
MAXIMUM INSTANTANEOUS,
7.31 AT 23:34 EST ON JUL 30

SUMMARY FOR THE YEAR 1988

TYPE OF GAUGE - RECORDING
LOCATION - LAT 43 22 19 N
LONG 80 33 08 W
DRAINAGE AREA, 49.7 km²
A - MANUAL GAUGE
B - ICE CONDITIONS
E - ESTIMATED
REGULATED

MONTHLY TOTAL DISCHARGE
IN CUBIC DECAMETRES

JAN	661	JUL	362
FEB	898	AUG	138
MAR	1 550	SEP	152
APR	584	OCT	300
MAY	259	NOV	800
JUN	101	DEC	281

TOTAL DISCHARGE, 5 840 dam³

AMABLE DU FOND RIVER AT SAMUEL DE CHAMPLAIN PROVINCIAL PARK - STATION NO. 02JE019

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1988

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	10.3 B	9.20B	8.00B	29.9	37.3	16.7	7.45E	5.40E	12.5 E	8.01	22.2	28.2	1
2	10.2 B	12.0 B	7.90B	31.9	35.7	15.7	7.80E	5.00E	9.80E	14.7	21.4	25.5	2
3	10.0 B	12.7 B	7.80B	36.6	28.4	15.1	8.20E	4.75E	8.20E	16.5	20.5	25.1	3
4	9.90B	13.0 B	7.75B	41.2	17.5	14.7	8.40E	5.00E	9.00E	15.1	19.8	24.8	4
5	9.70B	13.3 B	7.60B	44.2	15.9	14.0	7.90E	5.80E	11.5 E	14.0	20.2	25.1	5
6	9.50B	13.1 B	7.50B	49.8	15.2A	12.7	7.40E	8.00E	13.8 E	16.2	21.1	24.4	6
7	9.20B	13.0 B	7.45B	57.8	15.3E	9.42	7.00E	9.10E	15.0 E	18.1	20.6	23.5	7
8	9.10B	12.8 B	7.40B	63.9	15.1E	8.26	6.80E	10.0 E	14.2 A	14.6	20.0	22.3	8
9	8.80B	12.2 B	8.70B	61.1	15.7E	8.14	6.20E	11.0 E	13.2	13.5	19.6	21.4	9
10	8.60B	11.9 B	9.60B	59.8	15.3E	8.06	5.80E	13.0 E	12.3	12.8	23.6	20.0	10
11	8.40B	11.8 B	9.80B	64.1	15.8E	7.86	5.85E	15.0 E	11.7	13.4	37.8	18.8	11
12	8.30B	11.3 B	10.1 B	62.0	17.0E	7.46	6.00E	17.5 E	11.1	14.2	34.8	17.4	12
13	8.10B	11.0 B	10.2 B	58.7	24.0E	7.25	5.80E	20.0 E	11.4	14.0	32.3	16.28	13
14	7.80B	10.7 B	10.2 B	58.1	26.0E	6.87	5.50E	22.0 E	11.0	13.8	34.5	15.08	14
15	7.70B	10.5 B	10.1 B	58.9	33.0E	6.58	4.70E	24.5 E	10.8	13.2	33.5	14.28	15
16	7.50B	10.2 B	9.90B	58.0	36.5E	6.43	3.70E	23.2 E	10.4	13.0	32.1	13.58	16
17	9.00B	9.70B	9.70B	52.3	38.0E	6.55	3.20E	22.0 E	10.3	12.8	32.2	12.88	17
18	8.30B	9.50B	9.40B	48.8	37.0E	6.38	3.10E	20.0 E	9.91	17.5	32.8	12.08	18
19	9.81B	9.30B	9.10B	46.8	34.0E	6.27	3.30E	17.0 E	9.53	24.2	31.1	11.48	19
20	9.50	9.20B	8.90B	45.3	29.0E	6.20	3.55E	13.5 E	9.50	23.0	30.0	10.88	20
21	9.50B	9.10B	8.84B	43.8	24.8E	5.94	3.60E	10.0 E	9.51	21.8	29.0	10.38	21
22	9.40B	8.90B	8.40B	42.7	21.8E	6.33	3.50E	10.2 E	9.48	20.3	28.0	10.58	22
23	8.95	8.70B	8.00B	41.3	21.0E	6.64	3.60E	10.4 E	9.32	19.2	27.1	10.78	23
24	8.80B	8.60B	7.90B	41.9	20.2E	6.45	4.00E	10.7 E	8.90	18.4	26.3	10.98	24
25	8.50B	8.55B	8.00B	42.1	20.1A	7.41	4.30E	10.9 E	8.45	18.8	26.0	11.18	25
26	8.20B	8.50B	8.40B	40.8	19.6	9.28	4.70E	12.2 E	8.14	18.2	25.6	11.28	26
27	8.00B	8.40B	9.00B	39.3	19.5	8.34	5.10E	14.5 E	8.38	18.0	27.1	11.38	27
28	7.80B	8.30B	10.2 B	38.6	19.0	7.45A	5.70E	16.0 E	8.47	21.5	28.6	11.48	28
29	7.60B	8.20B	12.0 B	38.1	18.6	7.20E	5.60E	16.2 E	8.19	25.8	27.8	11.58	29
30	7.30B		14.0 B	38.6	17.9	7.25E	5.70E	16.3 E	7.87	25.1	26.9	11.68	30
31	8.10B		21.9		17.1		5.60E	15.0 E		23.8		11.48	31
TOTAL	271.68	303.28	293.44	1 438.3	726.0	282.85	158.85	416.95	312.05	531.11	812.8	502.2	TOTAL
MEAN	8.76	10.5	9.47	47.9	23.4	9.76	5.45	13.5	10.4	17.1	27.1	16.2	MEAN
MAX	10.3	13.3	21.9	64.1	38.0	16.7	8.40	24.5	15.0	25.8	37.8	28.2	MAX
MIN	7.30	8.20	7.40	29.9	15.3	5.94	3.10	4.75	7.87	8.01	19.8	10.3	MIN

SUMMARY FOR THE YEAR 1988

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 16.5
MAXIMUM DAILY, 64.1 ON APR 11
MINIMUM DAILY, 3.10E ON JUL 18
MAXIMUM INSTANTANEOUS,
64.6 AT 12:59 EST ON APR 11

TYPE OF GAUGE - RECORDING
LOCATION - LAT 46 18 00 N
LONG 76 52 45 W
DRAINAGE AREA, 1 130 km²
A - MANUAL GAUGE
B - ICE CONDITIONS
E - ESTIMATED
REGULATED

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	23 500	JUL	14 500
FEB	28 200	AUG	36 000
MAR	25 400	SEP	27 000
APR	134 000	OCT	48 900
MAY	82 700	NOV	70 200
JUN	22 700	DEC	43 400

TOTAL DISCHARGE, 522 000 dam³

ANCASTER CREEK AT ANCASTER - STATION NO. 02HB021

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1988

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	0.088	0.152	0.076	0.088	0.057	0.028	0.030	0.054	0.055	0.035	0.045	0.049	1
2	0.087	0.082	0.159	0.089	0.058	0.025	0.028	0.044	0.037	0.077	0.048	0.048	2
3	0.085	0.080	0.136	0.142	0.055	0.029	0.029	0.032	0.089	0.050	0.044	0.052	3
4	0.083	0.075	0.089	0.138	0.053	0.027	0.022	0.028	0.331	0.070	0.063	0.051	4
5	0.081	0.074	0.102	0.089	0.048	0.029	0.024	0.024	0.141	0.054	0.084	0.051	5
6	0.080	0.072	0.133	0.083	0.046	0.025	0.025	0.108	0.088	0.044	0.088	0.049	6
7	0.083	0.070	0.162	0.083	0.042	0.026	0.025	0.041	0.086	0.038	0.083	0.047	7
8	0.083	0.069	0.144	0.075	0.037	0.024	0.019	0.035	0.050	0.040	0.092	0.049	8
9	0.088	0.073	0.218	0.068	0.045	0.023	0.014	0.027	0.044	0.040	0.072	0.045	9
10	0.088	0.072	0.127	0.068	0.043	0.026	0.015	0.038	0.037	0.088	0.100	0.048	10
11	0.087	0.076	0.108	0.088	0.040	0.025	0.017	0.312	0.042	0.080	0.085	0.043	11
12	0.088	0.078	0.091	0.087	0.040	0.022	0.020	0.112	0.043	0.058	0.058	0.042	12
13	0.088	0.073	0.102	0.086	0.038	0.022	0.021	0.051	0.044	0.041	0.144	0.044	13
14	0.083	0.074	0.082	0.088	0.040	0.022	0.038	0.041	0.037	0.042	0.073	0.048	14
15	0.084	0.138	0.077	0.080	0.082	0.021	0.028	0.088	0.034	0.041	0.087	0.047	15
16	0.085	0.102	0.074	0.087	0.081	0.022	0.053	0.029	0.033	0.039	0.072	0.042	16
17	0.088	0.082	0.074	0.085	0.047	0.022	0.250	0.029	0.093	0.042	0.088	0.044	17
18	0.087	0.085	0.073	0.082	0.047	0.021	0.040	0.028	0.048	0.157	0.089	0.042	18
19	0.088	0.093	0.080	0.082	0.088	0.022	0.027	0.025	0.043	0.087	0.087	0.048	19
20	0.188	0.134	0.088	0.088	0.085	0.022	0.027	0.025	0.044	0.085	0.185	0.085	20
21	0.092	0.088	0.082	0.088	0.085	0.025	0.024	0.022	0.040	0.073	0.128	0.081	21
22	0.072	0.182	0.084	0.082	0.087	0.023	0.028	0.021	0.039	0.083	0.077	0.048	22
23	0.072	0.330	0.103	0.089	0.050	0.023	0.071	0.038	0.073	0.083	0.084	0.118	23
24	0.072	0.137	0.113	0.088	0.048	0.023	0.044	0.111	0.041	0.089	0.084	0.087	24
25	0.070	0.088	0.303	0.087	0.044	0.023	0.041	0.088	0.038	0.080	0.082	0.089	25
26	0.088	0.077	0.204	0.081	0.041	0.026	0.041	0.039	0.037	0.051	0.082	0.088	26
27	0.081	0.078	0.108	0.082	0.038	0.025	0.038	0.028	0.038	0.050	0.080	0.185	27
28	0.081	0.078	0.081	0.084	0.033	0.025	0.035	0.041	0.037	0.057	0.055	0.287	28
29	0.088	0.077	0.078	0.081	0.032	0.025	0.032	0.038	0.033	0.049	0.053	0.102	29
30	0.190		0.081	0.088	0.030	0.029	0.153	0.040	0.035	0.047	0.052	0.085	30
31	0.176		0.071		0.028		0.088	0.035		0.048		0.078	31
TOTAL	2.363	2.818	3.428	2.180	1.514	0.728	1.328	1.612	1.788	1.807	2.218	2.078	TOTAL
MEAN	0.078	0.101	0.111	0.072	0.049	0.024	0.043	0.052	0.060	0.058	0.074	0.067	MEAN
MAX	0.190	0.330	0.303	0.142	0.085	0.029	0.250	0.312	0.331	0.157	0.185	0.287	MAX
MIN	0.053	0.068	0.082	0.052	0.028	0.021	0.014	0.021	0.033	0.035	0.044	0.042	MIN

SUMMARY FOR THE YEAR 1988

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 0.065
MAXIMUM DAILY, 0.331 ON SEP 4
MINIMUM DAILY, 0.014 ON JUL 9
MAXIMUM INSTANTANEOUS,
2.14 AT 15:43 EST ON SEP 4

TYPE OF GAUGE - RECORDING
LOCATION - LAT 43 13 52 N
LONG 79 58 24 W
DRAINAGE AREA, 9.14 km²

NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	204	JUL	118
FEB	252	AUG	139
MAR	296	SEP	155
APR	187	OCT	156
MAY	131	NOV	191
JUN	62.9	DEC	180

TOTAL DISCHARGE, 2 070 dam³

ASHEWEIG RIVER AT STRAIGHT LAKE - STATION NO. 04DB001

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1988

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	41.0B	27.0B	20.3B	17.2B	18.8E	154	110	88.7	43.4	81.8	85.7	57.8B	1
2	40.5B	26.8B	20.2B	17.2B	19.2E	156	108	87.4	43.2	84.1	83.7	57.0B	2
3	40.0B	26.4B	20.1B	17.2B	19.7E	158	104	84.2	43.5	86.3	82.1	56.0B	3
4	39.5B	26.2B	20.0B	17.1B	20.3E	160	102	84.4	43.1	87.1	81.3	55.5B	4
5	39.0B	25.8B	19.8B	17.1B	21.1E	162	98.2	82.9	43.3	88.0	80.0	55.0B	5
6	38.3B	25.6B	19.6B	17.1E	22.2E	162	95.5	82.3	43.6	89.9	78.2	54.5B	6
7	37.7B	25.3B	19.5B	17.1E	23.6E	162	93.8	58.7	43.6	71.2	78.4	53.5B	7
8	37.3B	25.0B	19.3B	17.0E	26.2E	164	91.3	58.5	42.8	73.3	76.5	53.0B	8
9	36.7B	24.6B	19.2B	17.0E	28.6E	166	90.7	57.2	41.5	74.8	75.3	52.5B	9
10	36.2B	24.4B	19.1B	17.0E	31.6E	167	89.4	56.2	41.3	77.0	74.0	51.5B	10
11	35.7B	24.2B	19.0B	17.0E	34.8E	167	87.9	54.6	41.5	80.8	72.8	51.0B	11
12	35.2B	24.0B	18.9B	17.0E	38.4E	165	85.9	52.4	42.0	82.4	72.6	50.5B	12
13	34.6B	23.6B	18.8B	17.0E	42.0E	163	83.3	51.7	42.0	82.1	71.0E	50.0B	13
14	34.2B	23.4B	18.7B	17.0E	46.5E	163	79.4	51.1	41.6	80.6	70.5E	49.5B	14
15	33.6B	23.2B	18.6B	17.0E	50.6E	162	79.2	48.2E	41.1	80.8	69.5E	49.0B	15
16	33.3B	23.0B	18.5B	17.0E	56.0E	161	78.2	45.0E	41.5	83.3	68.0E	48.0B	16
17	32.8B	22.8B	18.4B	17.0E	62.0E	157	80.6	41.5A	41.1	86.6	66.0E	47.5B	17
18	32.4B	22.6B	18.3B	17.0E	66.0E	153	82.5	38.7	40.8	88.4	67.0B	47.0B	18
19	32.0B	22.3B	18.2B	17.0E	74.5E	151	81.5	36.3	42.8	88.5	66.5B	46.5B	19
20	31.5B	22.2B	18.1B	17.0E	81.5E	151	79.7	37.2	46.6	88.4	65.5B	46.0B	20
21	31.1B	22.0B	18.0B	17.1E	89.0E	149	78.7	38.0	48.1	87.6	66.0B	45.5B	21
22	30.7B	21.8B	17.9B	17.1E	99.0E	142	77.5	35.0	48.8	87.8	64.0B	45.0B	22
23	30.3B	21.6B	17.8B	17.1E	107 E	140	77.0	34.8	50.0	88.5	63.5B	44.5B	23
24	30.0B	21.4B	17.8B	17.2E	118 E	136	74.8	34.8	50.7	87.7	62.5B	44.0B	24
25	29.6B	21.2B	17.7B	17.3E	130	131	74.0	37.7	52.5	90.0	61.5B	43.0B	25
26	29.1B	21.0B	17.7B	17.4E	135	129	71.9	39.4	54.2	90.1	61.0B	43.0B	26
27	28.8B	20.8B	17.6B	17.7E	143	127	70.7	38.7	55.6	89.8	60.5B	42.5B	27
28	28.4B	20.7B	17.5B	18.0E	147	121	69.8	43.3	57.2	88.5	59.5B	41.5B	28
29	28.0B	20.6B	17.4B	18.2E	150	117	69.2	45.9	56.4	88.8	59.0B	41.0B	29
30	27.8B		17.3B	18.3E	153	115	70.6	45.7	59.9	89.2	58.5B	40.5B	30
31	27.4B		17.3B		153		69.6	44.3		87.4		40.0B	31
TOTAL	1 042.9	679.8	578.7	518.4	2 208.8	4 511	2 806.2	1 515.9	1 387.0	2 513.2	2 103.8	1 801.5	TOTAL
MEAN	33.6	23.4	18.6	17.2	71.3	150	84.1	48.8	46.2	81.1	70.1	48.4	MEAN
MAX	41.0	27.0	20.3	18.3	153	167	110	88.7	58.9	90.1	85.7	57.8	MAX
MIN	27.4	20.6	17.3	17.0	18.8	115	69.2	34.8	40.8	81.8	58.5	40.0	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 57.8
MAXIMUM DAILY, 167 ON JUN 10
MINIMUM DAILY, 17.0E ON APR 8
MAXIMUM INSTANTANEOUS,
168 AT 18:40 EST ON JUN 10

SUMMARY FOR THE YEAR 1988

TYPE OF GAUGE - RECORDING
LOCATION - LAT 53 43 00 N
LONG 87 58 40 W
DRAINAGE AREA, 7 850 km²
A - MANUAL GAUGE
B - ICE CONDITIONS
E - ESTIMATED
NATURAL FLOW

MONTHLY TOTAL DISCHARGE
IN CUBIC DECAMETRES

JAN	90 100	JUL	225 000
FEB	58 700	AUG	131 000
MAR	49 800	SEP	120 000
APR	44 800	OCT	217 000
MAY	191 000	NOV	182 000
JUN	390 000	DEC	130 000

TOTAL DISCHARGE, 1 830 000 dam³

ATIKOKAN RIVER AT ATIKOKAN - STATION NO. 05PB018

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1988

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	1.04 B	0.9438	0.9228	1.63B	1.72	2.05	1.32	1.05A	0.89	6.38	3.28	3.31B	1
2	1.03 B	0.9438	0.9228	1.81B	1.86	1.98	1.37	1.18E	11.0	6.13	3.23	3.32B	2
3	1.03 B	0.9388	0.9298	2.01B	1.84	1.84	1.30	1.28A	11.1	5.92	3.18	3.33B	3
4	1.03 B	0.9388	0.9368	2.11B	1.88	1.88	1.25	1.25	10.8	5.77	3.14	3.36B	4
5	1.03 B	0.9368	0.9438	2.22B	1.70	1.81	1.40	1.41	10.4	5.68	3.13	3.36B	5
6	1.02 B	0.9368	0.9508	2.38B	1.87	1.73	1.48	1.58	10.1	5.53	3.11	3.36B	6
7	1.01 B	0.9368	0.9648	2.50B	1.71	1.82	1.44	1.71	9.88	5.36	3.10	3.36B	7
8	1.01 B	0.9298	0.9718	2.70B	1.82	1.78	1.38	1.81	9.75	5.18	3.10	3.36B	8
9	1.01 B	0.9298	0.9858	2.97B	2.46	1.72	1.33	1.78	9.57	5.05	3.10	3.36B	9
10	0.9988	0.9298	0.9998	3.42B	3.72	1.83	1.32	1.68	9.45	4.85	3.10	3.36B	10
11	0.9988	0.9288	1.02 B	4.14B	4.48	1.58	1.33	1.58	9.34	4.67	3.10	3.35B	11
12	0.9928	0.9288	1.04 B	4.94B	4.15	1.74	1.38	1.58	9.21	4.47	3.10	3.35B	12
13	0.9928	0.9288	1.06 B	5.52B	4.75	1.83	1.48	1.60	8.98	4.32	3.10	3.33B	13
14	0.9858	0.9288	1.08 B	4.82A	4.46	1.88	1.50	11.3	8.82	4.18	3.10	3.33B	14
15	0.9858	0.9288	1.10 B	3.88	3.88	2.02	1.82	15.7	8.80	4.05	3.10	3.32B	15
16	0.9788	0.9288	1.12 B	3.58	3.85	2.00	1.82	12.5	8.41	4.13	3.10	3.31B	16
17	0.9788	0.9288	1.15 B	3.35	3.47	1.86	1.48	10.8	8.28	4.22	3.11B	3.31B	17
18	0.9788	0.9288	1.18 B	3.04	3.29	1.73	1.37	9.89	8.15	3.80	3.11B	3.29B	18
19	0.9718	0.9288	1.21 B	2.76	3.10	1.83	1.37	9.00	8.47	3.89	3.13B	3.29B	19
20	0.9718	0.9288	1.24 B	2.60	2.95	1.83	1.32	8.32	8.38	3.57	3.14B	3.28B	20
21	0.9718	0.9288	1.26 B	2.38	2.81	1.52	1.36	7.87	8.11	3.53	3.15B	3.27B	21
22	0.9648	0.9288	1.30 B	2.23	2.87	1.44	1.32	8.76	7.86	3.43	3.15B	3.24B	22
23	0.9648	0.9288	1.33 B	2.12	2.74	1.38	1.29	11.2	7.69	3.51	3.15B	3.23B	23
24	0.9648	0.9288	1.37 B	2.08	2.81	1.44	1.21	11.5	7.37	3.85	3.15B	3.22B	24
25	0.9578	0.9288	1.41 B	1.97	2.50	1.42	1.14	10.9	7.14	3.64	3.19B	3.20B	25
26	0.9578	0.9228	1.46 B	1.96	2.54	1.38	1.09	10.4	6.88	3.57	3.23B	3.18B	26
27	0.9578	0.9228	1.50 B	1.91	2.42	1.38	1.07	10.1	6.89	3.57	3.24B	3.18B	27
28	0.9508	0.9228	1.56 B	1.87	2.36	1.40	1.01	9.84	6.64	3.48	3.27B	3.18B	28
29	0.9508	0.9228	1.61 B	1.85	2.27	1.38	1.00	9.82	6.41	3.18	3.28B	3.14B	29
30	0.9508		1.68 B	1.78	2.21	1.33	0.990	9.75	6.48	3.42	3.29B	3.11B	30
31	0.9438		1.75 B		2.13		1.00	9.78		3.48		3.10B	31
TOTAL	30.565	28.976	35.951	82.58	85.48	50.07	40.810	207.08	259.88	136.35	94.88	101.58	TOTAL
MEAN	0.986	0.930	1.16	2.76	2.76	1.67	1.31	8.68	8.66	4.37	3.16	3.28	MEAN
MAX	1.04	0.943	1.75	5.52	4.75	2.05	1.82	15.7	11.1	6.38	3.29	3.35	MAX
MIN	0.943	0.922	0.922	1.78	1.84	1.33	0.990	1.05	6.41	3.18	3.10	3.10	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 3.15
MAXIMUM DAILY, 15.7 ON AUG 15
MINIMUM DAILY, 0.9228 ON FEB 28
MAXIMUM INSTANTANEOUS,
16.4 AT 00:00 CST ON AUG 15

SUMMARY FOR THE YEAR 1988

TYPE OF GAUGE - RECORDING
LOCATION - LAT 48 45 07 N
LONG 91 35 03 W
DRAINAGE AREA, 332 km²
A - MANUAL GAUGE
B - ICE CONDITIONS
E - ESTIMATED
NATURAL FLOW

MONTHLY TOTAL DISCHARGE
IN CUBIC DECAMETRES

JAN	2 840	JUL	3 500
FEB	2 330	AUG	17 900
MAR	3 190	SEP	22 500
APR	7 140	OCT	11 700
MAY	7 380	NOV	6 180
JUN	4 330	DEC	8 780

TOTAL DISCHARGE, 89 800 dam³

ATTAWAPISKAT RIVER BELOW ATTAWAPISKAT LAKE - STATION NO. 04FB001

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1988

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	79.0B	57.8B	45.3B	38.4B	72.1	288	238	164E	180E	423	329	177B	1
2	78.0B	57.3B	45.0B	38.4B	76.8	301	235	162E	167E	431	315	173B	2
3	77.0B	56.9B	44.7B	38.5B	81.8	311	232	160E	173E	437	295	171B	3
4	76.0B	56.2B	44.4B	38.5B	87.2	306	230	178E	160E	440	282	167B	4
5	75.5B	55.6B	44.2B	38.6B	94.0	301	225	178E	163E	439	260	164B	5
6	74.5B	55.0B	43.8B	38.7B	89.2	293	228	174E	185E	434	297	162B	6
7	73.5B	54.8B	43.5B	38.8B	103	284	235	172E	188E	427	305	159B	7
8	72.7B	54.2B	43.1B	39.1B	107	273	234	170E	187E	421	284	155B	8
9	72.0B	53.8B	42.8B	39.3B	113	265	229	188E	188E	415	260	153B	9
10	71.0B	53.4B	42.7B	39.5B	125	258	224	183E	189E	403	245	151B	10
11	70.3B	53.0B	42.4B	39.7B	135	251	220	181E	190E	404	242	148B	11
12	69.8B	52.5B	42.1B	39.8B	144	243	217	159E	195E	401	240	145B	12
13	69.0B	52.0B	41.8B	40.2B	153	241	212	158E	202E	392	230	143B	13
14	68.4B	51.5B	41.4B	40.6B	162	237	210	154E	210E	378	225	141B	14
15	67.8B	51.0B	41.1B	41.0B	170	237	208	152E	218E	367	221	139B	15
16	67.0B	50.7B	40.9B	41.7B	180	241	204	149E	225E	360	219	136B	16
17	66.2B	50.3B	40.7B	42.2B	190	240	201	148A	233E	369	220	134B	17
18	65.7B	50.0B	40.5B	43.0B	198	238	201E	142	242E	378	225	132B	18
19	65.0B	49.6B	40.3B	44.0B	203	235	200E	139	252E	380	227	130B	19
20	64.2B	49.2B	40.0B	45.0B	207	234	200E	138	262E	377	220B	126B	20
21	63.6B	48.8B	39.8B	46.0B	217	232	198E	132	272A	371	218B	126B	21
22	63.2B	48.3B	39.6B	47.5B	228	234	196E	129	286	365	211B	124B	22
23	62.4B	48.0B	39.5B	49.0B	233	237	197E	128	302	359	207B	122B	23
24	61.8B	47.8B	39.4B	50.8B	234	238	198E	126	317	353	202B	121B	24
25	61.5B	47.1B	39.2B	53.0B	240	240	194E	127	333	346	199B	119B	25
26	60.8B	46.8B	39.0B	55.8B	243	242	193E	128	351	340	195B	117B	26
27	60.1B	46.3B	38.9B	59.0B	242	243	192E	132E	367	334	191B	116B	27
28	59.8B	46.1B	38.8B	61.6B	243	241	191E	137E	384	325	187B	114B	28
29	59.0B	45.8B	38.7B	64.7B	245	241	188E	143E	398	304	183B	113B	29
30	58.4B		38.8B	67.0B	248	240	187E	148E	414	310	181B	111B	30
31	58.1B		38.9B		248		188E	153E		331		110B	31
TOTAL	2 081.2	1 489.6	1 280.6	1 359.2	5 324.1	7 848	6 806	4 720	7 451	11 822	7 133	4 301	TOTAL
MEAN	67.5	51.4	41.3	45.3	172	265	210	152	248	381	238	139	MEAN
MAX	79.0	57.8	45.3	67.0	248	311	238	184	414	440	329	177	MAX
MIN	58.1	45.8	38.5	38.4	72.1	232	188	128	180	304	181	110	MIN

SUMMARY FOR THE YEAR 1988

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 187
MAXIMUM DAILY, 440 ON OCT 4
MINIMUM DAILY, 38.4B ON APR 1
MAXIMUM INSTANTANEOUS,
442 AT 23:08 EST ON OCT 4

TYPE OF GAUGE - RECORDING
LOCATION - LAT 52 05 15 N
LONG 87 04 42 W
DRAINAGE AREA, 24 200 km²
A - MANUAL GAUGE
B - ICE CONDITIONS
E - ESTIMATED
NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	181 000	JUL	582 000
FEB	128 000	AUG	408 000
MAR	111 000	SEP	644 000
APR	117 000	OCT	1 020 000
MAY	480 000	NOV	616 000
JUN	681 000	DEC	372 000

TOTAL DISCHARGE, 5 280 000 dam³

ATTAWAPISKAT RIVER BELOW MUKETEI RIVER - STATION NO. 04FC001

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1988

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	115 B	88.5B	49.7B	45.4B	580B	400	294	215	158	821	430B	308B	1
2	114 B	86.5B	49.4B	46.2B	680B	393	280	219	166	828	420B	304B	2
3	112 B	87.5B	49.1B	47.8B	750B	398	265	221	172	821	410B	300B	3
4	110 B	86.0B	48.8B	50.0B	780B	427	279	232	182	821	400B	298B	4
5	108 B	85.0B	48.4B	53.0B	710B	437	288	218	191	818	398B	293B	5
6	106 B	83.5B	48.2B	58.0B	630B	438	282	214	201	814	388B	289B	6
7	105 B	82.5B	47.8B	65.0B	594	417	261	208	205	800	382B	284B	7
8	104 B	81.5B	47.5B	72.0B	558	403	275	205	208	585	378B	280B	8
9	102 B	80.5B	47.2B	78.0B	534	385	283	200	214	573	371B	278B	9
10	100 B	80.0B	47.0B	87.0B	520	372	284	193	211	560	368B	271B	10
11	99.0B	79.5B	46.8B	94.0B	521	357	275	187	209	542	362B	267B	11
12	97.0B	79.0B	46.8B	89.0B	527	338	268	187	216	531	357B	263B	12
13	95.5B	78.0B	46.4B	103 B	514	328	262	184	223	530	353B	259B	13
14	94.0B	77.5B	46.2B	107 B	502	318	251	181	238	523	348B	256B	14
15	92.5B	77.0B	45.8B	110 B	484	320	248	178	262	518	343B	252B	15
16	91.0B	76.5B	45.5B	114 B	466	322	246	171	284	503	340B	248B	16
17	89.0B	76.0B	45.2B	120 B	455	327	248	181	293	515	338B	245B	17
18	87.5B	75.2B	44.9B	127 B	447	331	248	188	284	543	338B	241B	18
19	86.0B	74.5B	44.6B	130 B	442	348	248	185	309	585	339B	237B	19
20	85.0B	74.0B	44.5B	132 B	434	350	252	148	353	608	340B	234B	20
21	83.0B	73.5B	44.5B	135 B	425	356	252	142	418	614	338B	231B	21
22	82.0B	73.2B	44.5B	140 B	418	352	252	141	487	611	336B	228B	22
23	80.5B	72.8B	44.5B	148 B	411	343	244	138	523	609	334B	224B	23
24	79.5B	72.4B	44.5B	158 B	410	337	236	132	553	598	332B	221B	24
25	78.0B	72.0B	44.4B	174 B	414	334	230	132	580	580	329B	217B	25
26	76.5B	71.5B	44.4B	192 B	418	327	226	131	593	589	326B	213B	26
27	75.5B	71.0B	44.3B	220 B	418	324	220	131	607	558	322B	208B	27
28	74.5B	70.5B	44.4B	280 B	407	313	217	135	614	529	318B	204B	28
29	73.5B	70.0B	44.6B	370 B	402	307	214	135	618	478	318B	200B	29
30	72.0B		44.7B	470 B	398	301	214	138	623	450B	313B	197B	30
31	70.5B		44.8B		398		208	145		400B		194B	31
TOTAL	2 843.1	1 676.8	1 429.3	4 036.4	15 623	10 700	7 839	5 324	10 205	17 424	10 881	7 741	TOTAL
MEAN	91.7	87.8	46.1	135	504	357	253	172	340	562	358	250	MEAN
MAX	115	88.5	49.7	470	780	438	294	222	623	828	430	308	MAX
MIN	70.5	80.0	44.3	45.4	398	301	208	131	188	400	313	194	MIN

SUMMARY FOR THE YEAR 1988

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 281
MAXIMUM DAILY, 780B ON MAY 4
MINIMUM DAILY, 44.3B ON MAR 27

TYPE OF GAUGE - RECORDING
LOCATION - LAT 53 05 30 N
LONG 85 00 30 W
DRAINAGE AREA, 38 000 km²

B - ICE CONDITIONS

NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	248 000	JUL	677 000
FEB	145 000	AUG	460 000
MAR	123 000	SEP	882 000
APR	349 000	OCT	1 510 000
MAY	1 350 000	NOV	921 000
JUN	924 000	DEC	669 000

TOTAL DISCHARGE, 8 260 000 dam³

AUBINADONG RIVER ABOVE SESABIC CREEK - STATION NO. 02CB003

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1988

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	7.40B	5.75B	3.72B	6.40B	68.3	20.3	5.72	2.46	14.4	11.5	28.2	71.5	1
2	7.35B	5.80B	3.68B	10.0 B	73.8	19.2	5.55	2.46	13.3	12.5	28.2	64.5	2
3	7.25B	5.70B	3.62B	13.5 B	76.6	18.2	5.23	2.60	12.4	12.8	26.9	58.6	3
4	7.20B	5.60B	3.58B	17.0 B	76.4	16.8	4.89	3.41	12.2	14.1	26.0	50.6	4
5	7.17B	5.50B	3.52B	29.0 B	71.9	16.8	4.80	4.83	11.9	16.9	37.1	48.2	5
6	7.05B	5.40B	3.50B	50.0 B	67.1	16.8	4.54	5.51	11.5	18.3	64.3	45.3	6
7	7.00B	5.30B	3.52B	70.0 B	61.8	16.4	4.26	5.75	11.1	16.5	115	41.8	7
8	6.95B	5.25B	3.63B	117 B	58.9	13.7	4.13	5.45	10.8	18.1	104	36.5B	8
9	6.65B	5.15B	3.78B	103 B	52.5	13.8	3.88	5.34	10.3	17.5	89.8	32.0B	9
10	6.75B	5.10B	3.95B	105	49.1	12.0	3.91	5.28	9.77	17.8	77.8	27.5B	10
11	6.65B	5.05B	4.00B	101	46.2	11.4	4.25	4.84	9.28	16.9	71.0	24.5B	11
12	6.60B	4.95B	3.95B	97.5	43.1	10.8	4.26	4.83	8.96	19.8	64.4	22.2B	12
13	6.45B	4.85B	3.88B	97.9	43.9	10.3	4.04	7.26	9.11	19.7	59.0	20.0B	13
14	6.40B	4.80B	3.82B	100	43.8	9.80	4.03	14.4	9.03	19.3	54.8	18.5B	14
15	6.40B	4.70B	3.78B	97.9	43.7	9.50	4.05	21.0	8.89	18.5	50.9	17.7B	15
16	6.50B	4.65B	3.70B	90.2	44.1	8.98	4.06	21.4	8.84	18.2	52.7	17.0B	16
17	6.50B	4.55B	3.67B	83.3	42.8	8.37	3.87	21.0	9.04	20.5	53.8	16.3B	17
18	6.40B	4.50B	3.62B	80.1	40.5	7.87	3.87	20.1	9.05	24.8	55.5	15.8B	18
19	6.30B	4.40B	3.58B	75.7	37.9	7.58	3.48	18.5	9.03	27.5	52.4	15.6B	19
20	6.20B	4.35B	3.52B	70.3	36.6	7.47	3.38	16.5	8.84	27.5	57.7	19.5B	20
21	6.10B	4.30B	3.50B	64.1	33.6	7.07	3.33	15.1	8.93	27.1	53.4	20.8B	21
22	6.00B	4.25B	3.49B	58.6	32.6	7.07	3.48	13.7	8.89	27.3	48.6	20.4B	22
23	5.90B	4.15B	3.55B	54.7	31.2	7.08	3.38	12.6	8.87	26.7	45.1	19.9B	23
24	5.80B	4.10B	3.70B	52.2	28.8	6.84	3.23	12.2	10.1	26.2	42.1	19.1B	24
25	5.70B	4.05B	3.85B	50.0	26.6	7.57	3.11	12.4	9.87	26.0	40.0	18.3B	25
26	5.80B	3.98B	4.10B	49.5	25.2	7.50	3.02	12.9	9.45	25.8	38.0	17.3B	26
27	5.55B	3.90B	4.60B	49.3	24.3	7.16	2.96	13.0	10.4	25.3	53.7	16.7B	27
28	5.80B	3.85B	5.00B	50.1	24.3	8.61	2.89	14.5	11.0	27.8	78.7	15.7B	28
29	5.40B	3.80B	5.60B	52.8	23.7	8.22	2.80	15.9	11.1	30.5	86.8	15.0B	29
30	5.35B		6.15B	59.8	22.6	8.78	2.74	16.3	11.0	30.8	81.5	14.0B	30
31	5.50B		7.00B		21.6		2.87	15.8		29.8		13.3B	31
TOTAL	197.77	137.73	124.54	1 857.80	1 388.7	319.55	119.78	247.32	311.16	675.8	1 800.3	855.5	TOTAL
MEAN	6.38	4.75	4.02	85.3	44.2	10.7	3.86	11.2	10.4	21.8	60.0	27.8	MEAN
MAX	7.40	5.80	7.00	117	76.6	20.3	5.72	21.4	14.4	30.8	115	71.5	MAX
MIN	5.35	3.80	3.48	8.40	21.6	5.78	2.87	2.46	8.84	11.5	26.0	13.3	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 22.5
MAXIMUM DAILY, 117B ON APR 8
MINIMUM DAILY, 2.46 ON AUG 1

SUMMARY FOR THE YEAR 1988

TYPE OF GAUGE - RECORDING
LOCATION - LAT 46 58 07 N
LONG 83 26 00 W
DRAINAGE AREA, 1 440 km²

B - ICE CONDITIONS

NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	17 100	JUL	10 300
FEB	11 900	AUG	20 000
MAR	10 800	SEP	25 900
APR	159 000	OCT	58 400
MAY	118 000	NOV	155 000
JUN	27 500	DEC	73 800

TOTAL DISCHARGE, 710 000 dam³

AUSABLE RIVER NEAR EXETER - STATION NO. 02FF009

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1988

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	1.04 B	4.70 B	0.980B	2.18	0.578	0.087	0.009	0.045	0.017	0.008	0.848	1.28	1
2	0.980B	2.00 B	0.970B	1.78	0.518	0.027	0.005	0.007	0.020	0.118	0.888	1.31	2
3	1.00 B	1.40 B	1.00 B	1.83	0.484	0.185	0.002	0.002	0.028	0.038	0.745	1.38	3
4	0.820B	1.20 B	1.02 B	2.72	0.485	0.022	0.002	0.009	0.108	0.018	0.888	1.45	4
5	0.670B	1.00 B	0.820B	2.34	0.480	0.020	0	0.084	0.082	0.018	0.808	1.30	5
6	0.800B	0.900B	1.00 B	1.92	0.480	0.077	0	0.048	0.020	0.018	1.78	1.15	6
7	0.720B	0.850B	1.10 B	1.81	0.403	0.100	0	0.011	0.018	0.013	1.67	1.03	7
8	0.880B	0.780B	2.20 B	1.33	0.387	0.094	0	0.006	0.018	0.012	1.82	0.891	8
9	0.820B	0.740B	6.80 B	1.18	0.448	0.088	0	0.005	0.018	0.011	2.30	0.778	9
10	0.880B	0.880B	11.0 B	1.04	0.483	0.080	0	0.005	0.018	0.126	5.38	0.820B	10
11	0.890B	0.880B	8.18	1.23	0.384	0.086	0.009	0.002	0.018	0.442	8.85	0.750B	11
12	0.820B	0.820B	7.83	1.27	0.330	0.080	0.004	0.001	0.013	0.580	4.33	0.695B	12
13	0.580B	0.800B	8.27	1.15	0.827	0.073	0.005	0	0.027	1.47	7.88	0.675B	13
14	0.840B	0.710B	4.26	1.14	0.338	0.088	0.011	0	0.018	0.817	10.6	0.710B	14
15	0.490B	0.800B	2.82	1.06	0.480	0.079	0.002	0.003	0.018	0.514	5.04	0.685B	15
16	0.450B	0.830B	2.18	0.880	1.80	0.083	0.012	0	0.011	0.358	2.89	0.610B	16
17	0.900B	1.10 B	1.85	0.807	1.07	0.080	0.143	0.001	0.008	0.304	2.40	0.575B	17
18	2.26 B	1.05 B	1.77	0.838	0.888	0.084	0.018	0.002	0.005	0.619	1.82	0.555B	18
19	2.42 B	1.02 B	1.67	0.723	0.525	0.084	0.007	0.003	0.008	0.825	1.48	0.540B	19
20	2.20 B	0.980B	1.48	0.880	0.483	0.088	0.008	0.037	0.018	0.778	1.70	1.81	20
21	2.30 B	0.880B	1.28	1.03	0.888	0.088	0.004	0.082	0.008	0.575	5.98	7.78	21
22	1.85 B	0.940B	1.13	0.778	0.884	0.042	0.001	0.010	0.008	0.508	5.15	4.16	22
23	1.12 B	1.10 B	2.81	0.883	0.891	0.038	0.001	0.013	0.121	0.542	2.93	4.14	23
24	0.900B	1.26 B	18.1	1.02	0.535	0.028	0.001	0.024	0.012	0.871	2.08	5.78	24
25	0.780B	1.18 B	14.8	1.32	0.440	0.017	0	0.034	0.010	4.81	1.81	3.17	25
26	0.700B	1.13 B	10.4	0.722	0.388	0.011	0.010	0.023	0.008	8.33	1.37	1.96 B	26
27	0.640B	1.10 B	9.31	0.326	0.323	0.017	0.008	0.013	0.014	5.14	1.28	2.78	27
28	0.580B	1.05 B	4.76	0.328	0.293	0.013	0.003	0.008	0.018	3.18	1.23	10.8	28
29	0.540B	1.02 B	4.88	0.488	0.283	0.018	0.002	0.017	0.008	2.08	1.14	8.07	29
30	0.800B		4.50	0.827	0.823	0.016	0.002	0.018	0.007	1.44	1.14	3.02 B	30
31	2.00 B		3.02		0.327		0.002	0.013		1.08		1.93 B	31
TOTAL	31.190	32.480	147.080	35.488	18.318	1.823	0.267	0.478	0.880	33.704	85.884	70.385	TOTAL
MEAN	1.01	1.12	4.74	1.18	0.528	0.081	0.009	0.015	0.023	1.08	2.86	2.27	MEAN
MAX	2.42	4.70	18.4	2.72	1.80	0.188	0.143	0.084	0.121	8.33	10.8	10.8	MAX
MIN	0.450	0.800	0.920	0.326	0.283	0.011	0	0	0.008	0.008	0.888	0.540	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 1.25
MAXIMUM DAILY, 18.4 ON MAR 25
MINIMUM DAILY, 0 ON JUL 5
MAXIMUM INSTANTANEOUS,
20.6 AT 01:01 EST ON MAR 25

SUMMARY FOR THE YEAR 1988

TYPE OF GAUGE - RECORDING
LOCATION - LAT 43 21 43 N
LONG 81 30 37 W
DRAINAGE AREA, 113 km²

B - ICE CONDITIONS

REGULATED

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	2 880	JUL	23.1
FEB	2 810	AUG	41.1
MAR	12 700	SEP	58.8
APR	3 080	OCT	2 810
MAY	1 410	NOV	7 420
JUN	158	DEC	8 080

TOTAL DISCHARGE, 39 400 dam³

AUSABLE RIVER NEAR SPRINGBANK - STATION NO. 02FF002

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1988

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	5.348	23.5 B	7.808	18.6	3.60	1.27	0.215	0.908	0.234	0.240	8.20	8.20	1
2	4.958	31.0 B	7.308	13.7	3.38	1.43	0.189	0.681	0.277	0.329	8.74	8.38	2
3	4.458	14.6 B	7.228	13.1	3.08	1.38	0.188	0.630	0.323	0.832	5.67	8.76	3
4	4.108	9.708	7.808	21.7	2.88	1.15	0.180	0.315	0.219	0.752	5.04	13.5	4
5	3.738	8.908	7.368	20.8	2.71	0.978	0.155	0.220	0.647	0.884	5.58	12.9	5
6	3.458	5.308	8.228	16.8	2.52	0.881	0.148	0.275	1.15	0.834	18.7	11.4	6
7	3.238	4.758	10.0 B	15.3	2.44	0.802	0.148	0.283	0.728	0.803	16.3 A	10.3	7
8	3.058	4.408	20.8 B	13.5	2.21	0.720	0.124	0.307	0.557	0.887	14.2 E	8.93	8
9	2.788	4.608	46.2 B	11.1	2.11	0.628	0.108	0.248	0.480	0.570	16.8 A	7.49	9
10	2.558	4.358	70.8 B	9.28	2.43	0.591	0.118	0.207	0.384	0.588	22.3	8.28	10
11	2.388	4.108	82.0 B	7.87	2.60	0.590	0.115	0.178	0.287	0.778	39.2	5.808	11
12	2.248	3.818	41.8	6.78	2.40	0.598	0.130	0.171	0.265	8.77	32.8 A	5.028	12
13	2.098	3.858	26.3	6.18	2.18	0.544	0.163	0.158	0.237	20.6	47.7 A	4.838	13
14	1.978	3.788	29.5	5.82	2.00	0.495	0.215	0.140	0.226	25.2	80.8 A	4.158	14
15	1.888	4.008	23.0	6.04	1.88	0.445	0.217	0.178	0.203	25.2	58.8 E	3.808	15
16	1.788	4.508	18.2	5.70	2.93	0.407	0.261	0.244	0.193	13.7	37.3 A	3.588	16
17	1.958	6.228	14.8	5.38	6.75	0.378	3.24	0.244	0.218	7.63	25.0 A	3.388	17
18	3.858	7.108	13.5	5.35	9.84	0.359	2.45	0.185	0.251	14.3	18.0 A	3.258	18
19	16.6 B	7.908	14.0	5.37	7.35	0.342	0.961	0.144	0.305	18.1	13.8 A	3.198	19
20	11.8 B	8.808	13.0	5.02	5.40	0.335	0.670	0.121	0.305	13.6	12.4	3.168	20
21	12.1 B	10.4 B	11.4	4.82	4.26	0.325	0.491	0.101	0.288	10.8	44.2	3.308	21
22	9.858	9.808	9.56	4.76	3.89	0.305	0.381	0.089	0.291	9.92	64.5	5.808	22
23	7.008	10.5 B	9.82	4.80E	4.04	0.283	0.290	0.094	0.336	10.4	36.4	23.0 B	23
24	5.378	20.2 B	39.0	5.80E	3.81	0.254	0.274	0.141	0.459	8.36	25.1	20.5 B	24
25	3.588	14.5 B	63.5	8.10E	3.25	0.248	0.283	0.174	0.805	8.93	18.2	28.3	25
26	3.268	10.6 B	88.4	8.85E	2.74	0.248	0.208	0.191	0.533	20.5	14.0	19.7	26
27	3.028	8.708	76.0	7.85E	2.30	0.232	0.143	0.187	0.480	31.8	11.6	15.9	27
28	2.888	8.808	46.1	6.50	1.94	0.221	0.107	0.186	0.358	27.0	10.3	47.1	28
29	2.588	8.008	29.6	4.61	1.87	0.205	0.095	0.178	0.241	20.3	9.08	61.1	29
30	3.108		23.9	3.97	1.47	0.287	0.220	0.195	0.234	15.2	8.40	34.5	30
31	7.908		20.2		1.33		1.14	0.218		11.0		28.0	31
TOTAL	145.12	286.66	887.67	271.47	101.48	15.858	13.874	7.684	11.088	330.283	723.51	408.77	TOTAL
MEAN	4.68	9.20	28.0	9.05	3.27	0.582	0.441	0.241	0.389	10.7	24.1	13.2	MEAN
MAX	16.6	31.0	88.4	21.7	9.84	1.43	3.24	0.908	1.15	31.8	80.8	61.1	MAX
MIN	1.78	3.78	7.22	3.97	1.33	0.205	0.095	0.089	0.193	0.240	5.04	3.18	MIN

SUMMARY FOR THE YEAR 1988

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 8.64
MAXIMUM DAILY, 88.4 ON MAR 26
MINIMUM DAILY, 0.089 ON AUG 22
MAXIMUM INSTANTANEOUS,
81.8 AT 15:32 EST ON MAR 26

TYPE OF GAUGE - RECORDING
LOCATION - LAT 43 04 20 N
LONG 81 39 35 W
DRAINAGE AREA, 885 km²
A - MANUAL GAUGE
B - ICE CONDITIONS
E - ESTIMATED
NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	12 800	JUL	1 180
FEB	23 000	AUG	647
MAR	75 000	SEP	958
APR	23 500	OCT	28 500
MAY	8 770	NOV	62 500
JUN	1 450	DEC	35 300

TOTAL DISCHARGE, 273 000 dam³

AUX SABLES RIVER AT MASSEY - STATION NO. 02CE002

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1988

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	11.4 B	7.808	8.258	44.1	41.7	24.2	7.40	4.95	5.52	8.34	48.6	70.1	1
2	11.2 B	10.0 B	8.27	49.4	41.7	23.5	7.05	4.84	5.27	10.2	48.5	62.2	2
3	10.8 B	11.2 B	8.18	56.0	41.8	22.2	6.71	4.74	5.13	14.2	43.2	56.3	3
4	10.4 B	10.1 B	8.08	75.5	41.5	21.1	6.82	4.73	5.19	14.5	39.8	51.2	4
5	10.2 B	9.308	8.03	89.1	40.8	19.8	6.45	4.69	5.61	16.8	43.6	47.2	5
6	10.0 B	8.808	8.88	117	40.3	18.7	6.24	5.08	5.31	17.5	78.9	45.1	6
7	9.708	8.308	8.84	155	38.1	17.8	6.18	5.34	5.07	17.1	108	42.8	7
8	9.408	8.008	8.88	192	37.2	18.1	5.88	5.14	4.92	16.4	109	39.3	8
9	9.108	7.858	8.238	172	36.8	12.8	5.77	5.03	4.78	14.7	87.8	31.7	9
10	8.808	7.738	8.808	148	36.8	11.8	5.70	5.12	4.71	14.4	83.5	28.32	10
11	8.508	7.808	7.888	126	38.9	11.1	5.81	5.24	4.81	15.3	77.8	27.02	11
12	8.248	7.808	7.788	111	38.1	10.8	5.83	4.84	4.70	16.1	71.8	25.18	12
13	7.978	7.408	7.78	102	39.7	9.85	5.87	4.70	4.87	15.4	67.8	24.58	13
14	7.808	7.308	7.61	88.7	48.1	9.63	5.87	5.12	5.08	14.5	63.8	23.58	14
15	7.908	7.228	7.80	88.8	45.6	9.23	6.03	5.00	4.90	13.8	58.9	22.88	15
16	7.828	7.188	7.85	82.7	44.1	8.88	5.91	8.71	4.88	13.0	53.8	21.68	16
17	7.808	7.088	7.50	84.2	42.8	8.83	5.83	8.29	4.70	15.4	85.8	21.28	17
18	7.808	7.008	7.32	80.1	40.3	8.42	5.81	7.67	4.88	26.4	88.3	21.08	18
19	7.808	6.978	7.14	75.5	37.7	8.17	5.44	7.05	4.88	40.7	82.6	20.88	19
20	7.808	6.908	7.06	70.6	36.2	8.10	5.30	6.42	5.44	37.7	68.3	20.68	20
21	7.808	6.828	6.82	71.0	38.3	7.88	5.28	5.98	8.74	33.6	54.7	24.08	21
22	7.838	6.788	6.71	65.5	39.3	7.80	5.36	5.58	7.08	34.6	51.3	23.28	22
23	7.838	6.708	6.57	60.2	40.6	7.68	5.38	5.43	7.00	38.8	47.6	22.48	23
24	7.838	6.858	6.86	57.9	40.0	7.67	5.28	5.43	6.79	34.8	45.1	21.68	24
25	7.708	6.78	7.808	55.8	38.8	7.93	5.85	5.84	6.28	34.1	43.4	21.38	25
26	7.608	6.62	11.2 B	53.0	33.6	8.83	8.03	5.95	5.62	33.0	41.8	20.88	26
27	7.508	6.48	15.8 B	51.3	31.5	9.12	8.07	5.80	5.60	31.5	53.7	20.48	27
28	7.408	6.40	19.0 B	48.5	29.7	8.78	6.09	5.66	6.21	43.9	83.1	20.08	28
29	7.308	6.388	22.3	47.8	28.5	8.21	5.71	5.70	6.50	85.8	88.7	19.88	29
30	7.258		27.0	43.8	26.8	7.71	5.32	5.63	6.29	82.2	78.5	19.28	30
31	7.358		35.5		25.1		5.10	5.54		54.4		18.88	31
TOTAL	263.92	220.84	301.83	2 603.5	1 171.4	382.28	183.06	178.39	164.71	814.84	1 958.9	934.3	TOTAL
MEAN	8.51	7.62	9.74	86.8	37.8	12.1	5.81	5.75	5.49	26.3	65.3	30.1	MEAN
MAX	11.4	11.2	35.5	192	48.1	24.2	7.40	8.71	7.08	85.8	109	70.1	MAX
MIN	7.25	6.38	6.84	43.8	25.1	7.88	5.10	4.69	4.81	8.34	39.8	18.8	MIN

SUMMARY FOR THE YEAR 1988

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 25.0
MAXIMUM DAILY, 192 ON APR 8
MINIMUM DAILY, 4.81 ON SEP 11
MAXIMUM INSTANTANEOUS,
194 AT 06:31 EST ON APR 8

TYPE OF GAUGE - RECORDING
LOCATION - LAT 48 12 54 N
LONG 82 04 14 W
DRAINAGE AREA, 1 350 km²
A - MANUAL GAUGE
B - ICE CONDITIONS
E - ESTIMATED
REGULATED

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	22 800	JUL	15 800
FEB	19 100	AUG	15 400
MAR	25 100	SEP	14 200
APR	225 000	OCT	70 400
MAY	101 000	NOV	169 000
JUN	31 300	DEC	80 700

TOTAL DISCHARGE, 791 000 dam³

AVON RIVER BELOW STRATFORD - STATION NO. 02CD018

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1988

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	1.35 B	10.8	0.9808	3.08	0.894	0.293	0.212	0.414	0.212	0.330	1.07	1.38	1
2	0.9308	5.61	0.9508	2.87	0.832	0.588	0.188	0.258	0.231	1.24	0.824	1.24	2
3	1.01 B	2.35 B	0.9308	7.58	0.878	0.527	0.173	0.197	1.02	0.714	1.02	1.15	3
4	0.8208	1.86 B	0.9108	12.4	0.852	0.488	0.206	0.422	2.76	0.884	0.874	1.09 B	4
5	0.8908	1.54 B	0.9008	8.20	0.810	0.441	0.213	0.400	0.720	0.490	2.07	1.01	5
6	0.7008	1.10 B	1.31 B	4.08	0.773	0.428	0.212	0.405	0.484	0.433	4.18	1.02	6
7	0.6308	1.06 B	2.00 B	2.95	0.676	0.478	0.239	0.185	0.373	0.548	3.15	0.976	7
8	0.6308	0.9808	3.60 B	2.24	0.808	0.438	0.247	0.165	0.329	0.389	3.32	0.9008	8
9	0.6308	0.9508	12.1	1.73	0.821	0.448	0.209	0.175	0.308	0.317	3.87	0.8108	9
10	0.6008	0.9408	11.5	1.48	1.42	0.385	0.193	0.182	0.280	0.933	7.60	0.7008	10
11	0.5408	0.9108	9.15	1.38	0.821	0.337	0.444	0.188	0.220	4.40	5.44	0.8808	11
12	0.5208	0.8708	7.82	1.18	0.936	0.321	1.27	0.240	0.249	1.93	3.81	0.8608	12
13	0.5408	0.8608	5.39	0.910	0.878	0.320	0.301	0.173	1.14	1.11	7.35	0.8208	13
14	0.4508	0.8508	4.00	0.674	0.681	0.330	0.228	0.188	0.388	0.870	8.78	0.8408	14
15	0.4308	0.8508	3.07	0.827	0.858	0.358	0.208	0.707	0.314	0.897	3.82	0.8808	15
16	0.4108	1.26 B	2.63	1.00	2.43	0.418	0.728	0.244	0.274	0.582	4.62	0.7808	16
17	0.5808	1.48 B	2.23	1.12	2.48	0.321	2.39	0.229	0.278	0.577	5.03	0.7808	17
18	2.62 B	1.41 B	2.00	1.84	1.57	0.284	0.835	0.208	0.432	1.71	2.18	0.7408	18
19	2.50 B	1.34 B	1.70	1.19	1.21	0.239	0.380	0.187	0.300	1.18	1.49	0.7208	19
20	2.19 B	1.35 B	1.58 B	1.14	1.06	0.282	0.253	0.180	0.404	0.920	2.62	1.85 B	20
21	3.40 B	1.18 B	1.40 B	1.70	1.30	0.313	0.240	0.161	0.842	0.821	5.98	2.15 B	21
22	1.78 B	1.09 B	1.20 B	1.41	1.30	0.360	0.206	0.180	0.430	0.838	5.73	1.32 B	22
23	1.25 B	1.86 B	4.97	1.89	1.07	0.378	0.456	0.236	1.04	0.724	5.42	2.10 B	23
24	0.8708	1.98 B	18.7	1.85	0.886	0.320	0.332	0.329	0.420	1.33	2.34	2.38 B	24
25	0.8308	1.76 B	16.8	1.86	0.748	0.274	0.264	0.467	0.327	5.33	1.38	1.78 B	25
26	0.7808	1.46 B	20.1	1.38	0.673	0.223	0.208	0.328	0.310	4.62	1.77	1.07 B	26
27	0.8308	1.24 B	11.2	1.18	0.801	0.226	0.190	0.208	0.331	3.45	1.78	2.80 B	27
28	0.5908	1.21 B	8.18	1.13	0.820	0.287	0.176	0.175	0.861	3.26	1.80	13.2	28
29	0.6508	1.09 B	5.77	1.18	0.483	0.286	0.152	0.168	0.383	2.36	1.48	8.48 B	29
30	1.13 B		5.26	1.23	0.421	0.260	0.185	0.207	0.338	1.62	1.41	4.00 B	30
31	4.67 B		3.88		0.442		0.238	0.218		1.20		2.75 B	31
TOTAL	35.300	51.280	197.810	69.301	30.309	10.817	11.853	7.884	15.537	45.495	100.998	69.375	TOTAL
MEAN	1.14	1.77	5.41	2.31	0.978	0.384	0.373	0.257	0.518	1.47	3.37	1.82	MEAN
MAX	4.67	10.8	20.1	12.4	2.48	0.898	2.39	0.707	2.76	5.33	7.80	13.2	MAX
MIN	0.410	0.880	0.900	0.910	0.421	0.223	0.152	0.141	0.212	0.389	0.824	0.880	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 1.85
MAXIMUM DAILY, 20.1 ON MAR 26
MINIMUM DAILY, 0.141 ON AUG 21
MAXIMUM INSTANTANEOUS,
27.8 AT 00:55 EST ON MAR 26

SUMMARY FOR THE YEAR 1988

TYPE OF GAUGE - RECORDING
LOCATION - LAT 43 20 42 N
LONG 81 08 58 W
DRAINAGE AREA, 148 km²

B - ICE CONDITIONS

REGULATED

MONTHLY TOTAL DISCHARGE
IN CUBIC DECAMETRES

JAN	3 050	JUL	998
FEB	4 430	AUG	688
MAR	14 500	SEP	1 340
APR	6 990	OCT	3 930
MAY	2 620	NOV	8 730
JUN	917	DEC	5 130

TOTAL DISCHARGE, 52 200 dam³

BASSWOOD RIVER NEAR WINTON - STATION NO. 05PA012

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1988

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	13.7	14.7	13.5	15.0	32.0	53.5	25.5	11.5	233	87.1	35.7	47.8	1
2	13.8	14.7	13.4	14.8	31.7	54.1	24.5	12.7	226	84.8	35.1	48.1	2
3	13.8	14.7	13.3	15.2	31.4	52.7	23.8	12.8	226	82.9	34.5	47.8	3
4	13.8	14.7	13.2	15.4	31.4	51.0	23.0	12.7	223	81.4	34.3	47.8	4
5	13.8	14.8	13.1	15.8	31.1	49.6	22.8	14.1	219	89.7	33.7	47.8	5
6	13.8	14.8	13.1	15.7	31.1	47.8	21.4	15.2	216	88.0	33.7	47.6	6
7	13.7	14.8	13.1	16.1	30.3	46.2	21.1	15.8	207	86.4	33.7	47.3	7
8	13.8	14.8	13.8	16.8	29.7	45.8	20.8	16.7	197	85.2	33.4	47.3	8
9	13.8	14.3	13.8	17.8	31.4	43.3	19.8	19.8	188	84.1	33.4	47.0	9
10	13.8	14.3	13.8	18.8	33.1	41.8	18.9	21.0	180	82.4	33.4	46.7	10
11	13.8	14.2	14.2	19.7	33.4	40.2	18.2	22.4	173	81.0	33.1	46.4	11
12	13.8	14.2	14.7	20.7	34.3	38.8	17.8	24.0	163	49.8	33.1	46.4	12
13	14.0	14.1	14.9	21.7	36.2	38.5	17.2	26.4	154	48.1	33.1	46.4	13
14	14.3	14.1	14.8	22.9	36.8	38.2	16.8	33.1	145	45.4	32.8	46.2	14
15	14.3	14.2	14.8	24.1	40.8	37.1	19.1	38.8	138	45.3	32.8	45.8	15
16	14.3	14.1	14.7	25.3	43.0	38.2	19.1	45.3	128	44.2	34.3	46.0	16
17	14.3	14.1	14.8	26.1	46.2	38.4	18.2	62.3	120	43.3	35.7	44.2	17
18	14.3	14.1	14.4	26.8	50.4	38.7	17.4	73.3	114	42.2	36.8	43.8	18
19	14.3	14.1	14.3	27.8	54.9	34.8	16.8	84.7	108	41.1	38.8	43.0	19
20	14.3	14.1	14.2	28.2	58.8	33.4	15.9	96.0	103	40.2	38.8	42.6	20
21	14.3	14.1	14.1	28.8	61.4	32.3	15.3	113	98.3	39.4	37.1	41.8	21
22	14.4	14.1	14.0	29.4	62.8	33.7	14.7	126	94.3	38.8	37.1	41.3	22
23	14.3	14.1	13.9	30.0	63.8	32.3	14.1	138	90.3	38.8	37.1	40.8	23
24	14.3	14.1	13.9	30.8	62.4	31.7	13.7	158	87.5	38.8	37.4	40.6	24
25	14.5	14.0	14.8	30.9	61.4	30.0	13.2	171	83.5	37.9	37.9	39.8	25
26	14.5	13.7	14.6	31.4	59.7	28.4	12.9	183	80.7	37.4	39.1	39.4	26
27	14.5	13.8	14.8	31.4	58.0	26.8	12.3	193	77.8	37.1	41.8	39.8	27
28	14.5	13.5	14.8	31.7	56.6	25.8	11.7	202	75.0	38.5	43.8	39.4	28
29	14.5	13.7	15.3	31.7	55.2	27.7	11.8	210	72.2	38.2	45.9	39.1	29
30	14.4		15.2	32.0	54.7	28.5	11.8	214	69.7	38.2	47.0	38.8	30
31	14.7		15.1		53.8		11.8	217		38.7		38.8	31
TOTAL	436.8	411.5	440.3	711.9	1 388.4	1 158.0	540.5	2 694.0	4 278.1	1 455.9	1 089.8	1 383.8	TOTAL
MEAN	14.1	14.2	14.2	23.7	45.1	38.6	17.4	83.7	143	47.0	38.3	44.0	MEAN
MAX	14.7	14.7	15.3	32.0	62.8	54.1	25.5	217	226	87.1	47.0	48.1	MAX
MIN	13.8	13.5	13.1	14.8	29.7	25.8	11.8	11.5	69.7	35.7	32.8	38.8	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 43.4
MAXIMUM DAILY, 226 ON SEP 2
MINIMUM DAILY, 11.5 ON AUG 1
MAXIMUM INSTANTANEOUS,
227 AT 08:50 CST ON SEP 2

SUMMARY FOR THE YEAR 1988

INTERNATIONAL GAUGING STATION
TYPE OF GAUGE - RECORDING
LOCATION - LAT 48 04 55 N
LONG 91 39 10 W
DRAINAGE AREA, 4 910 km²

REGULATED

MONTHLY TOTAL DISCHARGE
IN CUBIC DECAMETRES

JAN	37 700	JUL	48 700
FEB	35 800	AUG	224 000
MAR	38 000	SEP	388 000
APR	81 500	OCT	138 000
MAY	121 000	NOV	94 200
JUN	100 000	DEC	118 000

TOTAL DISCHARGE, 1 370 000 dam³

BATCHAWANA RIVER NEAR BATCHAWANA - STATION NO. 02EF001

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1988

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	12.2 B	7.708	6.188	76.08	120	14.4	4.25	1.80	27.4	30.6	43.8	87.0	1
2	12.0 B	7.708	6.108	80.08	123	13.5	3.81	1.71	23.1	29.3	39.4	86.1	2
3	11.7 B	7.708	6.088	84.08	116	12.5	3.63	4.11	21.4	27.5	35.2	85.3	3
4	11.4 B	7.708	6.038	123 B	106	11.7	3.35	5.21	27.1	28.0	34.2	44.6	4
5	11.2 B	7.708	6.018	140 B	94.1	10.8	3.16	19.2	30.2	31.5	77.7	40.7	5
6	11.0 B	7.858	6.008	184	81.5	9.87	3.08	30.4	28.4	31.9	152	36.5	6
7	10.8 B	7.558	6.008	178	68.8	9.39	2.93	32.3	24.8	30.1	156	32.5	7
8	10.7 B	7.458	5.888	169	56.8	9.46	2.81	28.8	21.8	27.3	133	27.8	8
9	10.5 B	7.388	5.888	169	52.4	9.32	2.67	19.4 A	21.0	26.1	108	23.2	9
10	10.4 B	7.228	5.908	176	49.8	8.50	2.79	15.8	19.2	28.3	85.5	21.98	10
11	10.2 B	7.108	5.858	180	44.8	7.88	2.84	12.7	18.5	32.2	73.2	21.08	11
12	9.808	6.858	5.808	152	40.0	7.48	2.81	11.3	15.2	31.8	82.1	20.88	12
13	9.608	6.658	5.788	149	42.8	8.78	2.78	13.3	17.8	28.5	88.7	20.88	13
14	9.858	6.708	5.788	140	44.2	8.48	2.87	120	19.8	27.1	84.8	20.48	14
15	8.508	6.808	5.708	122	50.3	8.21	3.03	108	18.0	24.8	82.1	20.28	15
16	9.358	8.508	5.858	103	57.4	8.88	3.21	78.9	18.8	23.8	88.1	19.88	16
17	9.208	8.458	5.808	98.1	52.8	8.83	2.88	67.4	18.2	30.4	82.0	18.08	17
18	9.108	8.418	5.808	85.8	45.8	8.34	2.85	57.5	14.3	39.3	84.8	18.08	18
19	8.908	8.388	5.428	85.4	39.6	8.18	2.88	45.8	14.8	44.3	74.0	17.08	19
20	8.808	8.388	5.408	72.2	34.3	4.88	2.52	35.8	23.7	44.4	82.4	17.88	20
21	8.708	8.388	5.308	83.1	30.8	4.80	2.43	27.8	24.8	44.1	83.8	18.78	21
22	8.808	8.378	5.238	87.0	27.8	4.48	2.44	22.4	23.1	43.4	46.3	18.08	22
23	8.458	8.388	5.208	87.0	25.1	4.27	2.17	18.7	28.8	40.0	41.0	17.88	23
24	8.358	8.388	5.308	88.8	22.8	4.37	2.17	18.8	24.8	37.4	37.1	17.58	24
25	8.208	8.388	5.408	89.4	20.8	8.31	2.25	18.8	22.2	34.9	34.3	17.88	25
26	8.108	8.388	5.508	83.1	18.8	8.88	2.17	18.7	20.7	33.8	38.8	17.48	26
27	8.008	8.308	5.908	73.7	18.1	8.72	2.10	28.1	33.7	34.2	144	18.88	27
28	7.908	8.288	9.208	82.4	18.4	8.38	2.04	43.0	41.1	48.4	180	18.28	28
29	7.808	8.288	14.0 B	84.8	18.3	4.84	1.99	44.8	38.8	55.8	181	15.88	29
30	7.708		20.3 B	111	17.0	4.88	1.97	40.0	34.4	53.3	118	15.28	30
31	7.708		30.0 B		16.3		1.91	33.4		47.7		14.98	31
TOTAL	288.00	189.10	225.02	3 294.3	1 884.3	220.70	85.20	1 013.43	708.6	1 080.4	2 388.1	817.2	TOTAL
MEAN	9.55	8.87	7.39	110	80.1	7.38	2.75	32.7	23.8	35.2	78.9	28.4	MEAN
MAX	12.2	7.70	30.0	188	123	14.4	8.35	120	41.1	55.8	180	87.0	MAX
MIN	7.70	8.26	5.20	88.8	16.3	4.27	1.91	1.71	14.3	23.8	34.2	14.8	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 32.4
MAXIMUM DAILY, 188 ON APR 8
MINIMUM DAILY, 1.71 ON AUG 2
MAXIMUM INSTANTANEOUS,
196 AT 23:80 EST ON APR 8

SUMMARY FOR THE YEAR 1988

TYPE OF GAUGE - RECORDING
LOCATION - LAT 46 59 36 N
LONG 84 31 31 W
DRAINAGE AREA, 1 190 km²
A - MANUAL GAUGE
B - ICE CONDITIONS

NATURAL FLOW

MONTHLY TOTAL DISCHARGE
IN CUBIC DECAMETRES

JAN	28 800	JUL	7 360
FEB	17 200	AUG	87 800
MAR	19 800	SEP	81 100
APR	285 000	OCT	94 200
MAY	138 000	NOV	204 000
JUN	19 100	DEC	70 800

TOTAL DISCHARGE, 1 030 000 dam³

BAYFIELD RIVER NEAR VARNA - STATION NO. 02FF007

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1988

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	4.12	26.8	3.608	8.88	1.88	0.838	0.102	0.408	0.088	0.143	4.32	5.84	1
2	4.12	15.0	3.108	7.88	1.70	0.807	0.098	0.331	0.088	0.388	4.84	8.30	2
3	3.80 B	8.13	2.708	8.43	1.88	0.802	0.108	0.178	0.113	0.537	3.87	8.70	3
4	3.00 B	8.008	2.408	13.3	1.48	0.478	0.134	0.118	0.228	0.420	3.57	7.43	4
5	2.40 B	4.008	2.208	11.2	1.40	0.480	0.093	0.118	0.414	0.513	5.23	5.88	5
6	2.00 B	3.308	2.008	8.81	1.35	0.430	0.048	0.388	0.248	0.481	11.1	5.08	6
7	1.70 B	3.008	8.008	7.28	1.23	0.387	0.080	0.230	0.118	0.451	10.1	4.78	7
8	1.40 B	2.758	12.0 B	8.73	1.17	0.378	0.087	0.138	0.113	0.616	9.22	3.88	8
9	1.30 B	2.558	34.8 B	4.88	1.37	0.376	0.070	0.143	0.108	0.443	12.1	3.108	9
10	1.20 B	2.408	48.0 B	3.78	1.88	0.387	0.071	0.100	0.083	0.874	33.7	2.808	10
11	1.10 B	2.308	41.3	3.28A	1.38	0.238	0.081	0.084	0.100	11.3	40.8	2.408	11
12	1.08 B	2.188	33.8	3.20A	1.18	0.202	0.070	0.083	0.108	20.3	27.8	2.008	12
13	1.03 B	2.088	28.1	3.78A	1.11	0.193	0.083	0.082	0.085	14.2	48.0	1.708	13
14	1.00 B	2.008	18.4	3.03A	1.04	0.204	0.052	0.059	0.088	7.12	43.8	1.608	14
15	0.9808	2.408	12.7	2.71A	1.78	0.193	0.058	0.074	0.084	4.08	28.1	1.408	15
16	0.9808	5.008	9.88	2.43A	8.11	0.238	0.083	0.087	0.088	2.88	14.2	1.708	15
17	1.80 B	7.008	7.88	2.30E	5.26	0.201	0.117	0.087	0.221	2.18	10.8	1.808	17
18	3.00 B	8.408	7.52	2.20E	2.92	0.179	0.108	0.057	0.148	8.20	8.81	1.508	18
19	5.00 B	5.708	7.08	2.50E	2.24	0.161	0.092	0.052	0.132	10.0	8.34	1.408	19
20	8.07 B	5.208	6.18	2.30E	1.91	0.148	0.082	0.048	0.144	8.88	8.08	10.0 B	20
21	18.0 B	4.708	5.03	2.48A	2.24	0.132	0.072	0.048	0.143	4.37	17.3	38.2	21
22	13.8 B	4.408	4.38	2.27	4.88	0.131	0.074	0.038	0.128	4.07	18.8	24.8	22
23	11.0 B	8.208	13.8	3.08	3.18	0.138	0.088	0.048	0.487	4.07	12.7	20.2	23
24	7.00 B	8.208	88.4	3.50	2.35	0.120	0.082	0.083	0.322	8.00	8.00	34.8	24
25	5.00 B	5.708	82.8	3.02	1.83	0.113	0.125	0.078	0.205	27.7	8.83	18.1	25
26	3.80 B	5.008	89.8	2.85	1.48	0.108	0.154	0.117	0.158	25.5	8.83	8.22	26
27	2.70 B	4.508	41.8	2.85	1.28	0.109	0.125	0.131	0.142	20.7	8.30	10.0	27
28	2.10 B	4.008	20.8	2.45	1.08	0.090	0.108	0.090	0.163	18.4	4.78	37.8	28
29	1.80 B	3.708	20.0	2.23	0.882	0.098	0.090	0.078	0.129	11.0	8.17	28.8	29
30	1.80 B		19.3	2.08	0.803	0.095	0.087	0.054	0.145	7.84	8.81	13.8	30
31	10.0 B		13.8		0.711		0.134	0.087		8.15		8.74	31
TOTAL	123.170	187.38	824.48	135.25	83.238	7.887	2.686	3.852	4.758	223.875	413.78	305.18	TOTAL
MEAN	3.97	6.43	28.1	4.51	2.84	0.268	0.087	0.118	0.158	7.23	13.8	9.84	MEAN
MAX	18.0	26.8	89.8	13.3	8.11	0.838	0.154	0.408	0.487	27.7	48.8	37.8	MAX
MIN	0.880	2.00	2.00	2.08	0.711	0.090	0.048	0.038	0.085	0.143	3.87	1.40	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 5.84
MAXIMUM DAILY, 89.8 ON MAR 26
MINIMUM DAILY, 0.038 ON AUG 22
MAXIMUM INSTANTANEOUS,
77.4 AT 07:28 EST ON MAR 26

SUMMARY FOR THE YEAR 1988

TYPE OF GAUGE - RECORDING
LOCATION - LAT 43 33 03 N
LONG 81 35 22 W
DRAINAGE AREA, 488 km²
A - MANUAL GAUGE
B - ICE CONDITIONS
E - ESTIMATED
NATURAL FLOW

MONTHLY TOTAL DISCHARGE
IN CUBIC DECAMETRES

JAN	10 800	JUL	233
FEB	13 800	AUG	307
MAR	84 000	SEP	411
APR	11 700	OCT	18 400
MAY	8 480	NOV	35 700
JUN	894	DEC	28 400

TOTAL DISCHARGE, 178 000 dam³

BEAR BROOK NEAR BOURGET - STATION NO. 02LB006

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1988

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	2.00 B	21.5 B	2.008	34.1 B	17.1	1.00	3.18	0.232	0.818	0.387	2.58	3.80	1
2	1.88 B	18.9 B	1.788	27.0 B	8.81	0.893	2.05	0.248	0.738	0.580	12.4	2.98	2
3	1.73 B	13.7 B	1.628	25.3	5.88	0.533	1.36	0.405	0.578	1.85	19.5	2.58	3
4	1.63 B	9.508	1.408	36.0	5.21	0.491	0.882	0.428	0.508	1.55	13.3	2.80	4
5	1.53 B	7.008	1.298	34.4	3.88	0.418	0.888	0.812	0.524	1.58	9.14	2.57 B	5
6	1.47 B	4.408	1.208	23.8	3.10	0.375	0.536	1.74	0.500	2.27	33.4	2.36 B	6
7	1.40 B	3.608	1.318	15.6	2.52	0.350E	0.505	1.09	0.438	2.08	28.5	2.15	7
8	1.33 B	2.708	1.408	12.1	2.18	0.328E	0.384	0.738	0.413	1.78	21.0	2.08	8
9	1.28 B	2.308	1.708	11.8	1.88	0.312E	0.280	0.512	0.358	1.34	17.5	1.72 B	9
10	1.23 B	2.018	2.308	9.43	1.78	0.305E	0.241	0.382	0.318	0.969	13.6	1.33 B	10
11	1.17 B	1.828	3.608	7.18	1.88	0.308E	0.284	0.303	0.281	1.38 A	12.7	0.8258	11
12	1.12 B	1.658	5.758	5.95	1.44	0.311E	1.88	0.287	0.262	1.31	9.08	0.6008	12
13	1.08 B	1.508	3.808	4.87	1.80	0.270E	0.825	0.210	0.228	1.24	7.31	0.5798	13
14	1.05 B	1.388	2.208	4.85	1.88	0.280E	0.585	0.184	0.222	1.09	8.34	0.5728	14
15	1.03 B	1.308	1.548	6.80	1.52	0.235E	0.442	0.227	0.282	0.847	8.85	0.5838	15
16	1.00 B	1.318	1.428	6.32	1.85	0.223A	0.329	0.235	0.287	0.878	8.54	0.5808	16
17	0.8808	1.348	1.848	6.08	1.83	0.195	0.301	0.186	0.302	0.847	4.81	0.5588	17
18	0.8858	1.418	2.408	4.44	1.74	0.188	0.280	0.182	0.782	0.958	3.82	0.5548	18
19	1.10 B	1.388	4.808	3.86	1.84	0.189	0.268	0.185	0.871	1.08	3.24	0.5528	19
20	1.30 B	1.378	4.008	3.11	1.72	0.185	0.294	0.171	0.727	0.963	3.01	0.5808	20
21	1.69 B	1.808	2.758	2.89	2.28	0.198	0.239	0.157	0.937	0.821	3.72	1.04 B	21
22	2.14 B	1.828	1.808	2.36	2.26	0.289	0.208	0.157	0.871	1.21	3.85	0.9208	22
23	1.80 B	2.038	1.408	2.17	1.81	0.858	0.208	0.184	0.587	5.01	3.44	0.8458	23
24	1.70 B	2.708	2.508	2.62	1.45	0.390	0.327	0.415	0.581	14.0	3.01	0.7708	24
25	1.50 B	3.808	15.4 B	3.36	1.08	2.09	0.528	1.88	0.515	18.9	2.78	0.7388	25
26	1.35 B	5.158	43.8 B	3.24	0.814	4.12	0.484	1.71	0.492	14.1	2.84	0.7028	26
27	1.20 B	3.808	56.5 B	3.85	0.807	1.81	0.840	1.04	0.449	8.85	2.82	0.6808	27
28	1.03 B	2.908	54.0 B	9.36	0.738	1.11	1.08	1.33	0.428	5.82	4.75	0.8528	28
29	0.9208	2.408	46.3 B	28.3	0.898	0.802	0.883	1.88	0.492	5.10	5.88	0.8888	29
30	0.8508		40.0 B	25.4	0.748	1.88	0.384	1.70	0.477	4.14	4.44	0.8428	30
31	1.00 B		41.8 B		1.71		0.304	1.17		3.03		0.8208	31
TOTAL	41.805	126.42	355.06	385.85	85.283	20.728	20.638	20.248	14.951	104.988	273.35	38.410	TOTAL
MEAN	1.34	4.38	11.5	12.2	2.75	0.891	0.886	0.653	0.498	3.39	9.11	1.24	MEAN
MAX	2.14	21.5	56.5	36.0	17.1	4.12	3.18	1.88	0.837	18.9	33.4	3.80	MAX
MIN	0.880	1.30	1.20	2.17	0.898	0.185	0.208	0.157	0.222	0.387	2.58	0.552	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 4.01
MAXIMUM DAILY, 56.58 ON MAR 27
MINIMUM DAILY, 0.157 ON AUG 21

SUMMARY FOR THE YEAR 1988

TYPE OF GAUGE - RECORDING
LOCATION - LAT 46 25 35 N
LONG 75 09 12 W
DRAINAGE AREA, 440 km²
A - MANUAL GAUGE
B - ICE CONDITIONS
E - ESTIMATED
NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	3 580	JUL	1 780
FEB	10 900	AUG	1 750
MAR	30 700	SEP	1 280
APR	31 600	OCT	8 070
MAY	7 370	NOV	23 600
JUN	1 790	DEC	3 320

TOTAL DISCHARGE, 127 000 dam³

BEAR CREEK BELOW BRIGDEN - STATION NO. 02CG008

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1988

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	1.55 B	0.9208	1.408	4.53	1.08	0.183	0.011	0.287	0.075	0.085	1.21	2.11	1
2	1.32 B	1.88 B	1.428	3.68	0.898	0.182	0.012	4.21	0.073	0.087	1.11	1.78	2
3	1.13 B	1.82 B	1.328	3.53	0.867	0.178	0.011	8.77	0.077	0.103	1.03	1.55	3
4	0.9308	1.80 B	1.708	6.86	0.787	0.178	0.008	2.76	0.074	0.103	1.10	1.38	4
5	0.7808	1.38 B	2.008	8.87	0.718	0.187	0.011	1.38	0.078	0.147	1.81	1.27	5
6	0.8858	1.20 B	1.588	8.63	0.632	0.137	0.010	1.08	0.078	0.125	2.81	1.17	6
7	0.8208	1.08 B	1.888	8.77	0.558	0.126	0.008	0.840	0.088	0.807	8.38	1.08	7
8	0.8708	0.8708	2.508	8.55	0.508	0.123	0.008	0.488	0.100	3.07	11.8	1.02	8
9	0.8258	0.8858	3.008	8.41	0.558	0.115	0.007	0.885	0.183	8.13	9.52	0.9808	9
10	0.4858	0.9158	26.6 B	4.84	0.889	0.103	0.008	0.851	0.314	3.80	8.04	0.9008	10
11	0.4858	0.8008	28.3	3.76	1.01	0.088	0.008	0.801	0.281	2.16	9.22	0.8308	11
12	0.4478	0.8708	19.1	2.90	0.883	0.083	0.005	0.288	0.263	1.81	12.8	0.7808	12
13	0.4308	0.8458	18.4	2.43	0.841	0.073	0.002	0.250	0.217	1.48	14.0	0.7308	13
14	0.4158	0.7808	18.8	2.18	0.717	0.084	0.003	0.220	0.184	2.18	13.7	0.6708	14
15	0.3988	0.7528	14.3	1.88	0.588	0.080	0.002	0.177	0.138	1.87	18.1	0.6208	15
16	0.3858	0.7858	8.82	1.81	0.822	0.083	0.007	0.148	0.111	1.53	21.1	0.5808	16
17	0.3708	0.8508	8.53	2.03	0.883	0.058	0.088	0.138	0.088	1.46	12.2	0.5458	17
18	0.3858	0.8708	5.80	2.07	0.788	0.049	8.53	0.127	0.088	1.43	5.58	0.5308	18
19	0.4388	0.9828	8.37	2.05	0.885	0.041	40.1	0.118	0.073	1.40	4.48	0.5108	19
20	0.8108	1.00 B	8.87	2.03	1.02	0.038	40.3	0.141	0.088	1.72	3.82	0.5008	20
21	1.10 B	1.48 B	8.14	2.02	0.878	0.036	18.8	0.184	0.080	4.14	7.89	0.4958	21
22	0.8308	2.00 B	4.87	1.78	0.741	0.034	3.71	0.144	0.084	2.82	14.8	0.4908	22
23	0.6108	2.20 B	4.45	1.86	0.618	0.031	1.82	0.138	0.128	2.76	19.8	0.4858	23
24	0.7508	2.70 B	7.66	1.81	0.517	0.027	1.15	0.138	0.091	3.05	12.8	0.5308	24
25	0.8708	3.75 B	18.7	1.48	0.432	0.024	0.770	0.144	0.118	4.04	8.83	0.7508	25
26	0.8208	4.58 B	28.0	1.48	0.373	0.026	0.544	0.137	0.120	3.87	4.80	1.88 B	26
27	0.8758	2.80 B	30.1	1.33	0.318	0.021	0.387	0.112	0.100	3.10	3.64	1.78 B	27
28	0.8408	2.10 B	21.8	0.888	0.278	0.018	0.312	0.108	0.088	2.70	3.03	1.70 B	28
29	0.8058	1.48 B	10.1	1.14	0.248	0.020	0.263	0.093	0.088	2.31	2.85	2.80 B	29
30	0.4838		6.87	1.14	0.222	0.016	0.230	0.081	0.088	1.85	2.40	12.5 B	30
31	0.8708		5.45		0.187		0.263	0.078		1.43		10.0 B	31
TOTAL	20.728	44.384	327.33	86.776	21.019	2.351	115.486	23.008	3.534	82.887	237.87	52.885	TOTAL
MEAN	0.888	1.63	10.8	3.32	0.678	0.078	3.73	0.742	0.118	2.82	7.83	1.71	MEAN
MAX	1.55	4.58	30.1	8.87	1.08	0.182	40.3	8.77	0.314	8.13	21.1	12.5	MAX
MIN	0.370	0.752	1.32	0.888	0.187	0.016	0.002	0.078	0.088	0.085	1.03	0.480	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 2.75
MAXIMUM DAILY, 40.3 ON JUL 20
MINIMUM DAILY, 0.002 ON JUL 13
MAXIMUM INSTANTANEOUS,
47.3 AT 22:07 EST ON JUL 19

SUMMARY FOR THE YEAR 1988

TYPE OF GAUGE - RECORDING
LOCATION - LAT 42 46 42 N
LONG 82 17 54 W
DRAINAGE AREA, 533 km²

B - ICE CONDITIONS

NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	1 780	JUL	9 880
FEB	3 630	AUG	1 990
MAR	26 300	SEP	305
APR	8 380	OCT	5 400
MAY	1 820	NOV	20 800
JUN	203	DEC	4 570

TOTAL DISCHARGE, 87 100 dam³

BEAR CREEK NEAR PETROLIA - STATION NO. 02GG005

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1988

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	0.880B	0.820B	0.870B	1.88	0.562	0.083	0	7.81	0.037	0.033	0.748	1.02	1
2	0.550B	0.870B	0.655B	1.58	0.532	0.078	0	5.82	0.031	0.068	0.787	0.916	2
3	0.450B	0.800B	0.855B	1.72	0.473	0.072	0	1.63	0.026	0.052	0.883	0.834	3
4	0.390B	0.660B	1.00 B	4.31	0.441	0.071	0	0.886	0.032	0.163	0.936	0.781	4
5	0.336B	0.585B	0.840B	5.03	0.409	0.074	0	0.844	0.036	0.478	1.12	0.729	5
6	0.295B	0.515B	0.940B	3.33	0.383	0.056	0	0.488	0.108	1.15	6.47	0.884	6
7	0.265B	0.480B	1.30 B	2.55	0.353	0.056	0	0.761	0.456	4.84	10.7	0.851	7
8	0.245B	0.445B	4.70 B	3.18	0.328	0.051	0	0.809	0.408	4.13	8.12	0.830	8
9	0.225B	0.480B	13.1 B	2.89	0.346	0.041	0	0.518	0.358	1.91	4.80	0.558	9
10	0.213B	0.450B	15.7	2.10	0.477	0.031	0	0.340	0.260	1.04	5.38	0.478	10
11	0.204B	0.435B	8.04	1.58	0.468	0.024	0	0.271	0.170	0.883	11.7	0.430B	11
12	0.185B	0.420B	5.18	1.28	0.421	0.020	0	0.234	0.130	1.72	8.72	0.388B	12
13	0.165B	0.390B	9.76	1.04	0.368	0.018	0	0.176	0.092	1.82	8.38	0.360B	13
14	0.178B	0.375B	7.80	0.930	0.321	0.017	0	0.145	0.068	1.16	19.7	0.306B	14
15	0.173B	0.385B	4.24	1.00	0.284	0.012	0	0.130	0.060	1.10	15.7	0.278B	15
16	0.170B	0.430B	3.26	1.04	0.324	0.010	0	0.118	0.062	0.826	8.43	0.272B	16
17	0.200B	0.485B	2.61	0.867	0.480	0.008	45.4	0.148	0.038	0.898	3.84	0.260B	17
18	0.218B	0.492B	2.77	0.858	0.875	0.006	46.9	0.194	0.034	0.816	3.18	0.252B	18
19	0.400B	0.500B	3.44	1.06	0.541	0.004	15.3	0.184	0.028	2.62	2.34	0.248B	19
20	0.550B	0.730B	3.15	1.00	0.448	0.002	4.20	0.152	0.021	3.28	2.11	0.246B	20
21	0.450B	1.00 B	2.46	0.884	0.384	0.002	1.84	0.112	0.021	2.21	10.2	0.248B	21
22	0.400B	1.10 B	1.85	0.816	0.347	0.002	0.838	0.087	0.021	1.85	14.0	0.260B	22
23	0.365B	1.35 B	1.87	0.788	0.325	0.001	0.632	0.072	0.037	2.63	8.44	0.278B	23
24	0.330B	2.00 B	11.1	0.814	0.285	0.001	0.463	0.067	0.034	2.70	3.41	0.505B	24
25	0.308B	2.30 B	18.5	0.880	0.239	0.001	0.388	0.063	0.036	2.24	2.42	0.950B	25
26	0.285B	1.40 B	16.6	0.802	0.200	0	0.276	0.058	0.075	1.93	1.80	0.690B	26
27	0.265B	0.990B	11.0	0.730	0.175	0	0.218	0.085	0.079	1.58	1.65	0.655B	27
28	0.252B	0.728B	5.53	0.677	0.149	0	0.186	0.062	0.058	1.32	1.49	1.62 B	28
29	0.245B	0.695B	3.52	0.633	0.126	0	0.170	0.048	0.045	1.06	1.37	5.30 B	29
30	0.265B		3.00	0.625	0.110	0	0.147	0.044	0.038	0.892	1.15	4.16 B	30
31	0.530B		2.40		0.092		0.135	0.040		0.817		3.22 B	31
TOTAL	8.811	22.387	189.030	47.084	11.103	0.753	116.884	22.256	2.869	47.784	183.481	29.787	TOTAL
MEAN	0.316	0.772	5.45	1.57	0.358	0.025	3.77	0.718	0.096	1.54	5.45	0.961	MEAN
MAX	0.880	2.30	18.5	5.03	0.875	0.082	46.9	7.81	0.456	4.84	19.7	5.30	MAX
MIN	0.170	0.375	0.855	0.625	0.092	0	0	0.040	0.021	0.033	0.748	0.245	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 1.78
MAXIMUM DAILY, 46.9 ON JUL 18
MINIMUM DAILY, 0 ON JUN 26
MAXIMUM INSTANTANEOUS,
99.2 AT 16:54 EST ON JUL 17

SUMMARY FOR THE YEAR 1988

TYPE OF GAUGE - RECORDING
LOCATION - LAT 42 54 21 N
LONG 82 07 12 W
DRAINAGE AREA, 287 km²

B - ICE CONDITIONS

NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	848	JUL 10 100	
FEB 1	930	AUG 1 920	
MAR 14	800	SEP 248	
APR 4	070	OCT 4 130	
MAY	958	NOV 14 100	
JUN	65.1	DEC 2 570	

TOTAL DISCHARGE, 55 800 dam³

BEATTY SAUGEEN RIVER NEAR HOLSTEIN - STATION NO. 02FC017

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1988

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	0.544B	3.61	0.370B	3.40	0.678	0.184	0.088E	0.082E	0.048E	0.073	0.252	0.347B	1
2	0.482B	2.80	0.368B	3.06	0.547	0.181	0.086E	0.072E	0.047E	0.187	0.232	0.314B	2
3	0.420B	2.42 B	0.362B	3.48	0.476	0.144	0.089E	0.082E	0.054E	0.215	0.228	0.294B	3
4	0.377B	1.83 B	0.358L	3.04	0.386	0.126	0.087E	0.090E	0.109A	0.178	0.204	0.288B	4
5	0.338B	1.01 B	0.347B	2.67	0.351	0.126	0.084E	0.091E	0.311	0.180	0.237	0.278B	5
6	0.312B	0.784B	0.337B	2.14	0.338	0.109	0.082E	0.073E	0.178	0.192	0.298	0.262	6
7	0.282B	0.701B	0.324B	1.73	0.317	0.117	0.085E	0.080E	0.088A	0.181	0.361	0.260B	7
8	0.258B	0.655B	0.368B	1.45	0.298	0.182	0.090E	0.088E	0.077E	0.188	0.322	0.242B	8
9	0.235B	0.598B	0.623B	1.18	0.345	0.126	0.092E	0.088E	0.075E	0.117	0.411	0.228B	9
10	0.228B	0.584B	0.788	0.977	0.553	0.124	0.084E	0.071E	0.072E	0.124	0.818	0.213B	10
11	0.219B	0.538B	0.840	0.825	0.473	0.117	0.083E	0.082E	0.089E	0.348	1.34	0.202B	11
12	0.215B	0.500B	0.612	0.723	0.438	0.088	0.084E	0.077E	0.088E	0.341	1.03	0.194B	12
13	0.208B	0.444B	0.788	0.670	0.400	0.072E	0.080E	0.088E	0.071E	0.268	0.984	0.185B	13
14	0.202B	0.508B	0.648B	0.710	0.358	0.088E	0.085E	0.080E	0.088E	0.208	0.989	0.207B	14
15	0.200B	0.765B	0.590B	0.732	0.341	0.090E	0.088E	0.087E	0.085E	0.181	0.779	0.200B	15
16	0.224B	1.34 B	0.518B	0.668	0.836	0.112	0.073E	0.080E	0.082E	0.148	0.607	0.195B	16
17	0.438B	1.18 B	0.484B	0.643	0.588	0.078E	0.084E	0.077E	0.091A	0.143	0.542	0.189B	17
18	1.11	1.02 B	0.424B	0.775	0.482	0.074E	0.089E	0.070E	0.084E	0.254	0.486	0.184B	18
19	1.33	0.818B	0.420B	0.888	0.352	0.073E	0.085E	0.085E	0.080E	0.271	0.423	0.207B	19
20	1.27	0.748B	0.410B	0.854	0.470	0.071E	0.084E	0.086E	0.078E	0.231	0.417	0.295	20
21	1.36	0.688B	0.408B	0.840	0.778	0.088E	0.083E	0.081E	0.082E	0.197	0.623	0.535	21
22	1.23 B	0.680B	0.408B	0.845	0.733	0.268E	0.082E	0.045E	0.080E	0.188	0.807	0.458B	22
23	0.984B	0.724B	0.424	0.873	0.685	0.514	0.081E	0.048E	0.168	0.180	0.477	0.410B	23
24	0.812B	0.882B	0.948	0.878	0.355	0.283	0.078E	0.081E	0.160	0.187	0.418	0.369B	24
25	0.734B	0.865B	1.94 B	0.825	0.296	0.208	0.087E	0.088E	0.088A	0.325	0.374	0.333B	25
26	0.688B	0.802B	3.87	0.717	0.268	0.120	0.088E	0.075E	0.088A	0.390	0.328	0.302B	26
27	0.488B	0.514B	4.75	0.628	0.234	0.094	0.088E	0.072E	0.087	0.395	0.348	0.334B	27
28	0.408B	0.475B	3.25	0.648	0.212	0.094	0.081E	0.085E	0.084	0.410	0.384	0.606	28
29	0.375B	0.412B	2.67	0.685	0.192	0.078E	0.047E	0.082E	0.078	0.368	0.378	0.628B	29
30	0.584B		3.76	0.770	0.178	0.068E	0.088E	0.088E	0.074	0.328	0.351	0.468B	30
31	1.75 B		3.08		0.164		0.087E	0.082E		0.278		0.371B	31
TOTAL	18.180	27.847	35.825	34.083	12.731	3.896	1.857	1.980	2.781	7.227	15.238	8.498	TOTAL
MEAN	0.586	0.994	1.16	1.14	0.411	0.133	0.080	0.063	0.093	0.233	0.508	0.306	MEAN
MAX	1.75	3.61	4.75	3.04	0.778	0.514	0.078	0.082	0.311	0.410	1.34	0.606	MAX
MIN	0.200	0.412	0.324	0.645	0.164	0.068	0.047	0.045	0.047	0.073	0.204	0.184	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 0.488
MAXIMUM DAILY, 4.75 ON MAR 27
MINIMUM DAILY, 0.045E ON AUG 22
MAXIMUM INSTANTANEOUS,
5.85 AT 00:50 EST ON MAR 27

SUMMARY FOR THE YEAR 1988

TYPE OF GAUGE - RECORDING
LOCATION - LAT 44 05 22 N
LONG 80 44 40 W
DRAINAGE AREA, 80.1 km²

A - MANUAL GAUGE
B - ICE CONDITIONS
E - ESTIMATED
NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN 1	570	JUL	180
FEB 2	410	AUG	169
MAR 3	100	SEP	241
APR 2	940	OCT	824
MAY 1	100	NOV 1	320
JUN	345	DEC	831

TOTAL DISCHARGE, 14 800 dam³

BEAVER CREEK NEAR MARMORA - STATION NO. 02HK006

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1988

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	9.65B	7.40B	4.90B	33.2	14.6	5.62	0.378	0.147	0.113	0.142	3.08	8.29	1
2	9.15B	8.40B	4.80B	33.3	14.3	5.22	0.348	0.135	0.112	0.160	2.96	8.05	2
3	8.70B	8.00B	4.65B	34.1	13.7	4.85	0.328	0.126	0.105	0.167	2.89	5.97	3
4	8.20B	7.65B	4.50B	40.4	13.1	4.10	0.302	0.126	0.115	0.159	2.68	5.60	4
5	7.65B	7.35B	4.40B	47.3	12.5	2.96	0.272	0.122	0.120	0.174	2.68	5.45	5
6	7.15B	7.10B	4.30B	47.0	12.0	2.31	0.242	0.115	0.107	0.173	3.22	5.31	6
7	6.70B	6.80B	4.25B	44.3	11.4	2.01	0.237	0.104	0.113	0.186	3.80	5.37	7
8	6.30B	6.65B	4.30B	42.3	10.8	1.81	0.213	0.091	0.122	0.202	3.98	5.34	8
9	5.85B	6.50B	4.35B	40.0	10.3	1.69	0.186	0.100	0.170	0.218	4.42	4.95SB	9
10	5.45B	6.30B	4.65B	38.6	10.0	1.50	0.165	0.088	0.195	0.273	4.63	4.74B	10
11	5.25B	6.25B	4.30B	37.7	9.81	1.33	0.181	0.088	0.187	0.327	4.84	4.48B	11
12	5.05B	6.05B	4.10B	34.7	9.36	1.20	0.150	0.083	0.148	0.284	4.83	4.27B	12
13	4.80B	5.90B	4.00B	32.0	8.83	1.03	0.137	0.082	0.135	0.282	4.98	4.12B	13
14	4.60B	5.80B	3.90B	29.4	8.63	0.867	0.141	0.100	0.123	0.346	5.74	3.98B	14
15	4.40B	5.85B	3.81B	26.2	9.18	0.780	0.133	0.107	0.112	0.281	6.80	3.92B	15
16	4.50B	5.95B	3.66B	23.2	9.55	0.786	0.127	0.112	0.088	0.234	7.38	3.85B	16
17	4.75B	5.95B	3.55B	20.3	9.49	0.733	0.118	0.127	0.086	0.233	7.58	3.63B	17
18	5.00B	5.90B	3.44B	19.0	7.60	0.678	0.109	0.131	0.082	0.281	7.87	3.47B	18
19	5.30B	5.85B	3.41B	18.3	8.04	0.628	0.126	0.120	0.078	0.287	7.80	3.29B	19
20	5.54B	6.00B	3.38B	17.4	8.26	0.584	0.124	0.102	0.088	0.313	7.64	3.48B	20
21	5.25B	5.85B	3.34B	16.8	8.29	0.581	0.113	0.084	0.083	0.388	7.64	3.77B	21
22	5.80B	5.65B	3.35B	16.1	10.5	0.552	0.126	0.084	0.076	0.443	7.87	3.53B	22
23	5.48B	5.70B	3.40B	15.3	10.8	0.587	0.132	0.081	0.106	0.476	7.55	3.47B	23
24	5.10B	5.55B	4.05B	14.7	10.5	0.586	0.113	0.084	0.088	0.574	7.43	3.48B	24
25	4.85B	5.40B	5.30B	14.1	10.2	0.586	0.117	0.083	0.113	0.688	7.25	3.35B	25
26	4.85B	5.25B	11.5 B	13.6	9.46	0.583	0.114	0.086	0.144	0.762	7.17	3.08B	26
27	4.45B	5.30B	17.3 B	13.6	8.72	0.547	0.111	0.071	0.163	0.783	6.96	3.20B	27
28	4.26B	5.05B	23.6 B	13.8	8.08	0.492	0.117	0.073	0.173	1.84	6.82	4.15B	28
29	4.10B	4.85B	24.4 B	14.3	7.51	0.450	0.140	0.075	0.188	2.63	6.80	5.00B	29
30	4.30B		27.0 B	14.8	8.71	0.442	0.157	0.088	0.155	3.15	6.58	4.70B	30
31	5.00B		30.5 B		8.08		0.183	0.104		3.15		4.45B	31
TOTAL	176.18	180.45	238.81	805.1	281.81	46.068	5.422	3.039	3.664	18.499	170.86	135.88	TOTAL
MEAN	5.78	6.22	7.83	26.9	9.41	1.54	0.175	0.098	0.122	0.629	5.70	4.38	MEAN
MAX	9.65	8.40	30.5	47.3	14.6	5.62	0.378	0.147	0.195	3.15	7.80	8.29	MAX
MIN	4.10	4.85	3.34	13.6	8.18	0.442	0.105	0.081	0.078	0.142	2.85	3.08	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 5.85
MAXIMUM DAILY, 47.3 ON APR 5
MINIMUM DAILY, 0.081 ON AUG 23
MAXIMUM INSTANTANEOUS,
46.6 AT 17:36 EST ON APR 6

SUMMARY FOR THE YEAR 1988

TYPE OF GAUGE - RECORDING
LOCATION - LAT 44 32 02 N
LONG 77 41 56 W
DRAINAGE AREA, 541 km²

B - ICE CONDITIONS

REGULATED

MONTHLY TOTAL DISCHARGE
IN CUBIC DECAMETRES

JAN	15 400	JUL	466
FEB	15 800	AUG	283
MAR	20 400	SEP	317
APR	68 800	OCT	1 880
MAY	25 200	NOV	14 800
JUN	3 880	DEC	11 700

TOTAL DISCHARGE, 178 000 dam³

BEAVER RIVER NEAR CLARKSBURG - STATION NO. 02FB008

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1988

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	8.18B	27.0 B	7.70B	22.1	9.80	4.08	3.22	1.87	2.08	2.61	8.73	8.82	1
2	8.05B	18.0 B	7.65B	20.5	8.81	4.06	3.32	1.89	2.06	4.18	8.41	8.47	2
3	8.00B	16.0 B	7.45B	20.3	8.13	3.76	3.16	1.86	1.83	5.83	8.30	8.46	3
4	8.85B	15.0 B	7.20B	20.5	7.86	3.86	2.87	1.56	2.63	6.29	8.34	8.06	4
5	8.92B	13.2 B	7.47	20.5	8.72	3.45	2.64	1.58	7.63	6.28	7.01	5.84	5
6	8.68B	12.2 B	8.80	18.2	8.87	3.38	2.69	1.48	5.85	6.24	7.55	5.76	6
7	8.85B	11.3 B	9.35	17.2	8.38	3.48	2.56	1.60	3.88	6.88	7.10	5.70	7
8	5.76	10.1 B	10.5	16.0	8.08	3.68	2.38	1.84	3.19	5.78	7.85	5.80	8
9	5.74	9.35B	17.0 B	14.5	8.11	3.58	2.14	1.70	2.81	4.85	8.03	5.20B	9
10	5.71	8.80B	18.5 B	13.2	7.18	3.49	2.08	1.73	2.62	5.04	25.4	4.70B	10
11	5.83	8.40B	15.5 B	11.8	7.33	3.35	2.32	1.68	2.48	5.25	18.9	4.40B	11
12	5.70B	8.20B	14.2 B	11.0	8.87	3.25	2.18	2.03	2.38	6.24	17.1	5.11B	12
13	5.70B	8.10B	13.4	10.0	8.37	3.15	2.48	1.82	2.88	7.08	16.0	6.61B	13
14	5.30B	8.80B	12.5	9.57	8.26	3.08	2.30	1.84	2.85	7.84	15.6	7.25B	14
15	5.23	9.80B	11.0 B	9.26	8.18	3.00	2.10	1.81	2.68	7.12	14.3	7.39	15
16	5.54	11.5 B	10.4	8.84	8.20	3.07	2.04	1.81	2.38	5.84	12.8	7.71	16
17	8.29	13.0	9.85B	8.07	7.74	2.98	2.15	2.15	2.68	5.46	11.7	7.70	17
18	10.8	13.0	8.87	8.36	7.11	2.87	2.10	2.09	2.72	7.80	10.6	7.56	18
19	10.5	13.2	8.37	8.33	6.87	2.82	2.08	1.80	2.68	8.83	9.83	7.85	19
20	13.4	12.8	7.81	7.97	6.77	2.88	2.02	1.73	2.28	8.07	10.2	13.0 B	20
21	14.1	11.0 B	8.00B	7.85	7.82	2.30	1.96	1.73	2.24	8.85	11.4	22.5 B	21
22	11.0	10.5 B	8.80B	7.27	8.02	2.88	1.86	1.77	2.37	8.32	11.0	18.0	22
23	10.1	11.4	10.0 B	7.22	7.72	5.00	2.02	1.73	2.85	8.04	10.2	14.9	23
24	9.33	10.0 B	16.3	8.38	7.36	4.00	2.03	1.88	3.01	8.48	9.08	13.5 B	24
25	8.84	9.70B	23.2	8.61	7.12	3.28	2.06	1.86	2.70	8.72	8.18	11.5 B	25
26	7.84	8.48B	26.2	8.11	6.48	3.03	3.37	2.89	2.60	8.85	7.81	10.0 B	26
27	7.18	8.40B	26.2	7.86	5.91	2.86	3.26	3.26	2.42	7.67	7.63	10.5 B	27
28	6.82	8.31	25.8	8.09	5.22	3.22	2.09	2.77	2.65	8.08	7.28	17.8	28
29	6.84	8.78	25.8	8.82	4.70	3.86	1.86	2.42	2.86	8.28	7.01	13.2 B	29
30	8.21		25.8	10.2	4.43	3.38	1.71	2.23	2.84	7.74	6.78	11.4	30
31	10.0 B		25.4		4.21		1.74	2.16		7.13		10.3 B	31
TOTAL	243.16	340.11	417.89	388.14	207.50	101.00	71.25	60.47	87.02	199.80	315.35	283.88	TOTAL
MEAN	7.84	11.7	13.5	12.0	6.69	3.37	2.30	1.95	2.90	6.45	10.5	9.16	MEAN
MAX	18.0	27.0	26.2	22.1	9.80	5.00	3.32	3.26	7.63	9.09	25.4	22.5	MAX
MIN	5.23	8.10	5.80	7.22	4.21	2.30	1.71	1.49	1.83	2.61	6.30	4.40	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 7.34
MAXIMUM DAILY, 27.0B ON FEB 1
MINIMUM DAILY, 1.48 ON AUG 6
MAXIMUM INSTANTANEOUS,
40.9 AT 11:10 EST ON NOV 10

SUMMARY FOR THE YEAR 1988

TYPE OF GAUGE - RECORDING
LOCATION - LAT 44 31 20 N
LONG 80 26 00 W
DRAINAGE AREA, 572 km²

B - ICE CONDITIONS

REGULATED SINCE 1915

MONTHLY TOTAL DISCHARGE
IN CUBIC DECAMETRES

JAN	21 000	JUL	6 180
FEB	29 400	AUG	5 220
MAR	38 100	SEP	7 520
APR	31 000	OCT	17 300
MAY	17 800	NOV	27 200
JUN	8 730	DEC	24 800

TOTAL DISCHARGE, 232 000 dam³

BEAVERTON RIVER NEAR BEAVERTON - STATION NO. 02EC011

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1988

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	2.208	9.488	1.428	5.85	3.54	0.629	0.185	0.135	0.112	0.234	1.18	1.84	1
2	1.888	4.608	1.318	5.19	3.27	0.588	0.152	0.125	0.100	0.333	1.10	1.72	2
3	1.678	4.338	1.218	5.52	3.00	0.526	0.147	0.119	0.091	0.588	1.08	1.64	3
4	1.518	3.348	1.118	13.1	2.73	0.474	0.135	0.098	0.208	0.610	1.12	1.40 B	4
5	1.458	2.888	1.028	10.8	2.47	0.398	0.115	0.429	0.647	0.737	1.28	1.38 B	5
6	1.348	2.558	1.078	8.55	2.30	0.354	0.108	0.380	0.521	0.802	2.48	1.45	6
7	1.328	2.238	1.208	8.84	2.13	0.328	0.098	0.305	0.346	0.783	2.41	1.50	7
8	1.248	2.048	3.188	7.86	1.97	0.301	0.089	0.218	0.281	0.782	2.20	1.28 B	8
9	1.188	1.828	5.758	7.03	1.81	0.289	0.082	0.185	0.238	0.780	2.52	1.18 B	9
10	1.138	1.818	10.5 B	8.31	1.84	0.278	0.078	0.287	0.208	0.781	3.00	1.07 B	10
11	1.088	1.708	7.858	5.70	1.87	0.244	0.101	0.278	0.185	0.834	4.12	0.8908	11
12	1.198	1.818	5.958	5.14	1.71	0.232	0.090	0.248	0.182	0.828	3.52	0.8208	12
13	1.278	1.648	4.538	4.71	1.58	0.208	0.078	0.211	0.225	1.00	3.85	0.8818	13
14	1.218	1.498	3.838	4.84	1.58	0.183	0.082	0.188	0.248	1.01	4.08	0.8808	14
15	1.188	1.698	3.148	4.88	1.48	0.185	0.077	0.185	0.223	1.03	3.43	0.8258	15
16	1.118	1.808	2.838	4.58	2.28	0.153	0.085	0.183	0.188	1.03	2.97	0.7858	16
17	1.088	1.738	2.558	4.27	3.05	0.135	0.087	0.189	0.203	1.01	2.77	0.7458	17
18	3.838	1.708	2.338	4.50	3.02	0.125	0.074	0.188	0.232	1.08	2.38	0.7058	18
19	5.008	1.818	2.148	4.33	2.88	0.120	0.073	0.149	0.214	1.08	2.20	0.6858	19
20	6.808	1.988	1.998	3.94	2.83	0.115	0.088	0.184	0.202	1.01	2.24	0.6308	20
21	12.7 B	1.878	1.878	4.10	3.52	0.104	0.072	0.140	0.201	0.875	3.38	1.08 B	21
22	7.808	1.768	1.788	3.75	2.97	0.130	0.070	0.130	0.204	1.04	3.34	0.8158	22
23	4.908	2.088	1.918	3.64	2.48	0.266	0.085	0.118	0.348	1.12	3.08	0.8808	23
24	3.568	2.538	8.058	3.73	2.18	0.209	0.082	0.128	0.370	1.23	2.88	0.8808	24
25	3.498	2.308	7.858	3.80	2.03	0.192	0.105	0.183	0.308	1.19	2.84	0.8708	25
26	2.108	2.098	15.7 B	3.31	1.81	0.188	0.107	0.184	0.282	1.17	2.47	0.8108	26
27	1.818	1.918	13.0 B	3.35	1.59	0.192	0.123	0.188	0.241	1.18	2.38	0.8058	27
28	1.638	1.888	8.308	3.45	1.32	0.175	0.123	0.188	0.281	1.14	2.28	1.81 B	28
29	1.458	1.568	6.76	3.58	1.11	0.183	0.082	0.149	0.237	1.15	2.11	2.11 B	29
30	1.358		6.18	3.92	0.912	0.182	0.087	0.135	0.231	1.11	1.98	2.31 B	30
31	6.058		7.20		0.740		0.104	0.121		1.11		2.09 B	31
TOTAL	84.31	68.68	146.30	167.71	68.212	7.851	2.848	5.764	7.418	28.777	76.22	37.228	TOTAL
MEAN	2.72	2.41	4.72	5.59	2.20	0.255	0.095	0.188	0.247	0.928	2.54	1.20	MEAN
MAX	12.7	9.48	15.7	13.1	3.54	0.629	0.185	0.429	0.647	1.23	4.12	2.31	MAX
MIN	1.05	1.49	1.02	3.31	0.740	0.104	0.085	0.095	0.091	0.234	1.08	0.885	MIN

SUMMARY FOR THE YEAR 1988

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 1.82
MAXIMUM DAILY, 15.78 ON MAR 26
MINIMUM DAILY, 0.085 ON JUL 15

TYPE OF GAUGE - RECORDING
LOCATION - LAT 44 23 49 N
LONG 79 04 15 W
DRAINAGE AREA, 282 km²

B - ICE CONDITIONS

NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	7 280	JUL	255
FEB	5 040	AUG	488
MAR	12 600	SEP	841
APR	14 500	OCT	2 480
MAY	5 890	NOV	6 550
JUN	661	DEC	3 220

TOTAL DISCHARGE, 60 700 dam³

BERENS RIVER ABOVE BERENS LAKE - STATION NO. 05RC001

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1988

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	7.028	6.088	5.378	6.128	33.8	37.8E	26.2A	17.4 A	10.2	23.3	26.4	22.8	1
2	6.868	6.058	5.348	6.298	43.1	35.8E	26.2A	16.5 A	9.67	23.0	26.4	22.7	2
3	6.928	6.028	5.308	6.528	48.7	34.5E	24.1A	15.7	9.80	23.9	26.3	22.5	3
4	6.928	5.968	5.278	6.728	56.0	33.2E	23.4A	14.8	9.80	25.9	26.3	22.1	4
5	6.888	5.958	5.278	7.028	60.3	31.4E	22.5A	13.9	9.54	27.6	25.3	21.9	5
6	6.868	5.928	5.248	7.308	63.2	30.1E	22.2A	13.4	9.24	27.9	24.2	21.9	6
7	6.828	5.928	5.248	7.558	67.6	28.7E	22.0A	12.8	9.05	28.3	23.6	21.7	7
8	6.798	5.868	5.218	7.928	77.2	27.8E	21.0A	11.7	8.92	28.8	23.3	21.3	8
9	6.798	5.868	5.218	8.258	80.8	26.4E	20.4A	11.0	8.59	29.2	22.8	21.2	9
10	6.728	5.858	5.188	8.708	92.8	25.5E	19.1A	10.8	8.80	29.2	22.3	21.1	10
11	6.698	5.828	5.158	9.14	90.4	24.3E	18.1A	10.2	8.80	29.2	21.8	21.1	11
12	6.668	5.788	5.128	9.77	88.3	23.2E	17.6A	9.78	8.95	28.8	21.4	20.8	12
13	6.628	5.758	5.098	10.4	82.4	22.4E	16.1A	9.66	12.2	28.8	21.3	20.4	13
14	6.598	5.758	5.068	10.7	78.5	21.5E	14.8	9.56	13.5	28.6	21.0	19.8	14
15	6.598	5.718	5.038	11.5	76.8	20.8E	13.8E	9.32	13.9	28.7	20.8	19.3	15
16	6.568	5.718	5.008	12.8	73.4	19.8E	20.3E	9.00	14.0	28.3	22.1	19.1	16
17	6.528	5.688	4.978	13.6	70.8	19.0E	21.0A	8.73	14.6	28.5	22.8	18.88	17
18	6.488	5.658	4.978	14.0	67.8	18.3E	21.5A	8.20	15.8	28.3	23.1	18.68	18
19	6.458	5.618	4.978	14.5	65.5	17.7E	21.3A	7.89	16.8	27.7	23.4	18.38	19
20	6.428	5.588	4.978	14.7	64.2	17.0E	20.8E	7.72	18.8	27.4	23.3	18.18	20
21	6.388	5.588	4.978	14.8	63.2	16.3E	20.1E	7.43	20.0	27.5	23.2	17.88	21
22	6.358	5.558	5.008	14.8	60.8	15.8E	19.4A	7.49	20.5	27.8	23.0	17.88	22
23	6.328	5.558	5.068	15.0	57.0	15.8E	18.8A	7.49	20.4	28.3	23.0	17.48	23
24	6.298	5.528	5.128	15.2	53.4	15.8E	20.0	7.95	20.3	28.0	23.0	17.28	24
25	6.268	5.498	5.188	15.5	50.7	21.1E	23.7A	7.79	20.4	27.9	23.8	16.98	25
26	6.258	5.498	5.248	15.8	48.3	23.7E	24.7A	8.02	20.7	27.5	24.0	16.78	26
27	6.228	5.468	5.348	16.8	46.4	26.0E	23.8A	8.55	21.3	27.5	23.9	16.58	27
28	6.228	5.438	5.528	18.1	44.1E	26.4E	22.2A	8.83	22.3	27.0	23.3	16.38	28
29	6.188	5.408	5.688	21.0	43.3E	26.8E	20.8A	8.52	23.0	26.3	23.1	16.08	29
30	6.158		5.718	26.4	40.6E	27.4A	19.8A	8.79	23.2	26.4	22.9	15.88	30
31	6.128		5.928		38.7E		18.7A	10.1		26.8		16.88	31
TOTAL	202.88	166.04	161.80	388.80	1 836.7	737.4	654.8	320.37	443.98	852.2	700.9	597.1	TOTAL
MEAN	6.55	5.73	5.21	12.3	82.4	24.6	21.1	10.3	14.8	27.5	23.4	18.3	MEAN
MAX	7.02	6.08	5.82	26.4	92.8	37.5	26.2	17.4	23.2	29.2	26.4	22.7	MAX
MIN	6.12	5.40	4.97	6.12	33.8	15.8	17.5	7.43	8.59	23.0	20.8	15.8	MIN

SUMMARY FOR THE YEAR 1988

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 19.5
MAXIMUM DAILY, 92.8 ON MAY 10
MINIMUM DAILY, 4.97B ON MAR 17
MAXIMUM INSTANTANEOUS,
93.8 AT 23:40 CST ON MAY 9

TYPE OF GAUGE - RECORDING
LOCATION - LAT 51 48 45 N
LONG 93 31 00 W
DRAINAGE AREA, 5 730 km²
A - MANUAL GAUGE
B - ICE CONDITIONS
E - ESTIMATED
NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	17 500	JUL	58 600
FEB	14 300	AUG	27 700
MAR	14 000	SEP	38 400
APR	31 700	OCT	73 500
MAY	167 000	NOV	60 600
JUN	63 700	DEC	51 600

TOTAL DISCHARGE, 817 000 dam³

BERRY CREEK AT THE OUTLET OF BERRY LAKE - STATION NO. 05PD025

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1988

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	0.388	0.400	0.408	0.723	0.894	1.25	0.582	1.13	0.182	0.151	0.055	0.385	1
2	0.378	0.401	0.384	0.668	0.848	1.20	0.494	1.00	0.164	0.139	0.080	0.338	2
3	0.382	0.381	0.387	0.897	0.805	1.15	0.447	0.888	0.170	0.141	0.086	0.348	3
4	0.387	0.375	0.372	0.710	0.788	1.18	0.388	0.837	0.176	0.131	0.088	0.343	4
5	0.373	0.378	0.372	0.730	0.768	1.18	0.834	0.781	0.181	0.113	0.089	0.338	5
6	0.370	0.380	0.431	0.758	0.880	1.08	1.17	0.851	0.131	0.111	0.088	0.339	6
7	0.360	0.382	0.498	0.786	0.898	1.10	2.77	0.836	0.123	0.111	0.087	0.340	7
8	0.367	0.380	0.885	0.837	0.828	1.04	3.08	0.528	0.134	0.113	0.087	0.307	8
9	0.381	0.371	0.834	0.885	0.807	0.787	3.55	0.417	0.138	0.115	0.089	0.343	9
10	0.348	0.381	0.848	0.872	0.883	0.851	3.82	0.313	0.140	0.108	0.081	0.318	10
11	0.339	0.382	0.711	1.10	0.702	0.885	3.83	0.302	0.143	0.100	0.082	0.281	11
12	0.341	0.357	0.852	1.24	0.807	0.882	3.81	0.278	0.140	0.093	0.086	0.289	12
13	0.327	0.357	0.588	1.38	0.731	0.857	4.28	0.283	0.148	0.097	0.077	0.328	13
14	0.350	0.374	0.548	1.48	0.877	0.798	4.14	0.404	0.148	0.093	0.090	0.324	14
15	0.388	0.384	0.505	1.81	0.710	1.18	4.14	0.348	0.144	0.094	0.178	0.308	15
16	0.452	0.398	0.478	1.88	0.818	1.28	3.84	0.410	0.141	0.088	0.880	0.307	16
17	0.478	0.388	0.458	1.88	0.878	1.08	3.72	0.384	0.141	0.084	0.718	0.313	17
18	0.470	0.400	0.430	1.84	0.804	1.20	3.48	0.280	0.133	0.088	0.884	0.307	18
19	0.448	0.413	0.408	1.82	0.821	1.17	3.15	0.204	0.182	0.086	0.838	0.348	19
20	0.430	0.402	0.398	1.48	0.782	1.08	2.89	0.288	0.184	0.082	0.830	0.381	20
21	0.418	0.412	0.388	1.41	0.801	0.898	4.03	0.241	0.120	0.088	0.581	0.288	21
22	0.428	0.427	0.482	1.38	0.788	1.11	1.84	0.300	0.134	0.089	0.588	0.180	22
23	0.424	0.420	0.880	1.33	0.780	0.848	1.89	0.348	0.180	0.085	0.852	0.381	23
24	0.438	0.413	0.812	1.28	0.878	0.863	1.71	0.385	0.148	0.080	0.804	0.452	24
25	0.418	0.413	1.06	1.30	0.848	0.855	1.88	0.289	0.150	0.080	0.488	0.474	25
26	0.401	0.410	1.08	1.28	0.878	0.812	1.82	0.213	0.140	0.089	0.481	0.847	26
27	0.392	0.401	0.987	1.22	0.843	0.785	1.80	0.203	0.138	0.083	0.470	0.823	27
28	0.388	0.423	0.834	1.14	0.704	0.882	1.84	0.185	0.137	0.077	0.408	0.874	28
29	0.381	0.423	0.885	1.08	1.05	0.818	1.85	0.158	0.138	0.084	0.385	0.813	29
30	0.384		0.822	0.980	1.04	0.859	1.33	0.157	0.140	0.088	0.380	0.557	30
31	0.404		0.788		1.02		1.22	0.158		0.085		0.802	31
TOTAL	12.180	11.393	18.882	34.544	22.980	29.042	80.853	12.824	4.381	2.872	9.220	11.721	TOTAL
MEAN	0.392	0.393	0.609	1.15	0.741	0.988	2.61	0.417	0.146	0.093	0.307	0.378	MEAN
MAX	0.478	0.427	1.08	1.88	1.05	1.28	5.89	1.13	0.182	0.151	0.718	0.813	MAX
MIN	0.327	0.357	0.372	0.668	0.804	0.557	0.388	0.158	0.120	0.085	0.085	0.180	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 0.686
MAXIMUM DAILY, 5.89 ON JUL 20
MINIMUM DAILY, 0.085 ON OCT 31
MAXIMUM INSTANTANEOUS,
8.36 AT 10:00 CST ON JUL 19

SUMMARY FOR THE YEAR 1988

TYPE OF GAUGE - RECORDING
LOCATION - LAT 49 28 30 N
LONG 93 58 00 W
DRAINAGE AREA, 744 km²

REGULATED SINCE 1978

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	1 050	JUL	6 990
FEB	984	AUG	1 120
MAR	1 630	SEP	378
APR	2 980	OCT	248
MAY	1 980	NOV	797
JUN	2 510	DEC	1 010

TOTAL DISCHARGE, 21 700 dam³

BIG CARP RIVER NEAR SAULT STE. MARIE - STATION NO. 02BF004

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1988

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	0.420B	0.235B	0.710	4.84	0.811	0.128	0.050	0.038	0.316	1.10	2.58	1.88	1
2	0.400B	0.268B	0.733	5.30	0.820	0.115	0.034	0.049	0.243	2.45	2.53	1.68	2
3	0.380B	0.268B	0.682	5.65	0.698	0.107	0.037	0.058	0.203	2.11	2.13	1.37	3
4	0.362B	0.260B	0.641	15.1	0.612	0.092	0.038	0.053	0.298	2.05	2.12	1.17 B	4
5	0.344B	0.250B	0.628	19.8	0.552	0.086	0.033	0.085	0.287	1.71	8.77	1.02	5
6	0.330B	0.240B	0.875	24.6	0.488	0.083	0.028E	0.078	0.255	1.20	13.3	0.927	6
7	0.312B	0.238B	0.714	18.0	0.408	0.082	0.027E	0.068	0.189	0.931	4.84	0.810B	7
8	0.305B	0.221B	0.884	11.1	0.367	0.081	0.027E	0.063	0.189	0.814	3.10	0.725B	8
9	0.296B	0.218B	1.73	7.50	0.353	0.073	0.032E	0.062	0.160	0.708	2.38	0.690B	9
10	0.288B	0.212B	2.03	6.20	0.384	0.067	0.034E	0.053	0.135	1.38	2.50	0.660B	10
11	0.279B	0.209B	1.84	4.84	0.378	0.067	0.031E	0.041	0.102	1.83	2.77	0.658B	11
12	0.272B	0.207B	1.72	4.71	0.359	0.070	0.029E	0.041	0.114	1.54	2.14	0.658B	12
13	0.266B	0.204B	1.77	4.88	0.324	0.085	0.032E	0.067	0.185	1.33	2.80	0.680B	13
14	0.262B	0.202B	2.15	4.21	0.742	0.058	0.040E	0.874	0.162	1.20	3.01	0.628B	14
15	0.257B	0.201B	1.83	3.20	0.858	0.051	0.043A	0.891	0.135	1.07	2.75	0.620B	15
16	0.253B	0.201B	1.57	2.58	0.840	0.047	0.088	0.414	0.118	1.08	3.57	0.578B	16
17	0.247B	0.201B	1.44	2.68	0.813	0.050	0.050	1.07	0.114	2.25	3.43	0.548B	17
18	0.243B	0.201B	1.87	2.80	0.487	0.052	0.048	0.838	0.125	2.87	2.84	0.521B	18
19	0.240B	0.201B	1.88	2.05	0.407	0.051	0.038	0.410	0.173	2.24	2.02	0.550B	19
20	0.238B	0.201B	1.52	1.72	0.388	0.047	0.033	0.254	1.05	1.80	2.40	0.598B	20
21	0.233B	0.201B	1.37	1.48	0.383	0.087	0.031	0.174	1.04	1.58	2.31	0.580B	21
22	0.230B	0.201B	1.25	1.40	0.311	0.052	0.037	0.125	0.887	1.51	1.90	0.600B	22
23	0.228B	0.201B	1.28	1.58	0.258	0.048	0.038	0.105	0.858	1.40	1.84	0.538B	23
24	0.225B	0.201B	1.41	1.80	0.236	0.080	0.031	0.144	0.807	2.11	1.47	0.640B	24
25	0.223B	0.201B	2.01	1.83	0.205	0.059	0.036	0.408	0.384	3.25	1.35	0.627B	25
26	0.221B	0.201B	3.15	1.58	0.183	0.058	0.041	0.805	0.418	4.03	1.73	0.620B	26
27	0.219B	0.201B	4.88	1.45	0.181	0.047	0.032	0.582	0.878	3.31	8.67	0.607B	27
28	0.218B	0.201B	4.38	1.28	0.196	0.044	0.033	2.72	0.852	3.82	5.91	0.588B	28
29	0.215B	0.201B	4.88	1.13	0.177	0.037	0.028	1.34	0.455	3.03	3.28	0.585B	29
30	0.213B		5.13	1.05	0.158	0.041	0.050	0.880	0.381	2.30	2.44	0.570B	30
31	0.218B		5.00		0.148		0.049	0.449		1.84		0.560B	31
TOTAL	8.435	6.248	81.337	170.84	14.003	1.984	1.178	12.441	10.878	59.801	103.27	23.409	TOTAL
MEAN	0.272	0.215	1.88	5.88	0.452	0.066	0.038	0.401	0.383	1.82	3.44	0.755	MEAN
MAX	0.420	0.268	5.13	24.6	0.824	0.128	0.086	2.72	1.05	4.03	13.3	1.88	MAX
MIN	0.213	0.201	0.628	1.05	0.148	0.037	0.028	0.038	0.102	0.708	1.35	0.521	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 1.29
MAXIMUM DAILY, 24.6 ON APR 5
MINIMUM DAILY, 0.025E ON JUL 12
MAXIMUM INSTANTANEOUS,
28.5 AT 15:38 EST ON APR 5

SUMMARY FOR THE YEAR 1988

TYPE OF GAUGE - RECORDING
LOCATION - LAT 46 31 02 N
LONG 84 27 52 W
DRAINAGE AREA, 51.5 km²
A - MANUAL GAUGE
B - ICE CONDITIONS
E - ESTIMATED

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	729	JUL	102
FEB	540	AUG	1 070
MAR	5 300	SEP	914
APR	14 800	OCT	5 140
MAY	1 210	NOV	6 820
JUN	171	DEC	2 020

TOTAL DISCHARGE, 40 900 dam³

BIG CREEK NEAR DELHI - STATION NO. 02GC005

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1988

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	3.90	4.34	3.13	6.56	3.98	1.77	0.889	10.7 E	2.08	1.78	3.58	4.94	1
2	2.88	4.58	3.21	6.10	3.97	1.78	0.842	22.0 E	1.98	1.88	3.40	4.84	2
3	2.658	3.838	3.84	6.03	3.72	1.68	0.800	11.2	2.82	1.96	3.24	4.38	3
4	2.578	3.298	3.84	6.81	3.37	1.63	0.855	7.44	3.12	1.94	3.18	4.21	4
5	2.528	2.988	3.84	8.05	3.24	1.56	0.573	5.88	2.84	1.98	3.17	4.02	5
6	2.488	2.848	4.27	8.64	3.01	1.48	0.805	4.84	2.86	1.91	3.44	3.94	6
7	2.488	2.508	4.08	7.86	2.84	1.42	0.890	4.38	2.71	1.88	4.27	3.81	7
8	2.448	2.428	4.58	6.80	2.71	1.46	0.577	4.15	2.86	1.88	5.81	3.73	8
9	2.428	2.378	5.73	5.89	2.71	1.86	0.814	4.36	2.40	1.90	6.87	3.81	9
10	2.418	2.328	6.86	5.33	2.81	1.40	0.471	3.87	2.18	2.07	7.52	3.47	10
11	2.53	2.308	8.70	4.88	2.88	1.32	0.548	3.08	1.88	2.73	7.53	3.448	11
12	2.48	2.288	8.43	4.47	2.83	1.31	0.413	7.88	1.86	2.74	8.88	3.388	12
13	2.40	2.288	8.86	4.18	2.58	1.26	0.415	8.86	1.88	2.83	7.88	3.288	13
14	1.83	2.27	8.56	3.88	2.40	1.28	1.02	8.13	1.82	3.27	8.81	3.238	14
15	2.68	2.86	8.21	3.82	2.41	1.12	1.24	7.31	1.76	3.18	8.28	3.14	15
16	2.18	3.73	4.88	3.86	3.24	1.20	0.868	6.30	1.88	2.87	9.13	3.088	16
17	2.11	2.72	4.40	3.60	3.28	1.08	3.80	4.18	1.88	2.82	7.83	3.068	17
18	2.40	2.78	4.18	3.48	3.81	1.13	8.30	3.47	2.00	3.82	8.47	3.028	18
19	2.24	3.12	4.08	3.33	4.80	1.10	3.28	3.00	1.86	4.15	8.82	3.01	19
20	2.83	4.14	3.86	3.28	4.27	1.08	2.74	2.81	2.08	6.35	9.67	3.12	20
21	2.88	3.868	3.72	3.46	3.87	1.03	2.46	2.31	1.94	8.88	7.18	3.87	21
22	2.42	4.288	3.84	3.24	3.80	1.03	4.37	2.18	1.88	7.55	7.87	4.14	22
23	2.43	6.86	3.52	3.38	3.30	1.18	5.31	2.08	2.81	8.54	10.1	5.23	23
24	2.46	5.74	4.08	3.31	3.08	1.10	4.88	2.32	2.28	8.98	8.76	5.83	24
25	2.24	5.13	5.18	3.20	2.84	1.08	4.28	2.32	2.15	8.88	7.30	5.78	25
26	2.18	5.128	8.48	3.12	2.80	1.04	3.87	2.81	2.07	8.28	6.37	5.78	26
27	2.16	6.11	9.18	3.11	2.33	0.988	3.07	2.70	1.97	4.74	8.88	5.74	27
28	2.128	3.77	10.6	3.28	2.16	0.837	2.72	2.75	1.92	4.80	8.54	7.83	28
29	2.118	3.46	9.35	3.78	2.04	0.802	2.38	2.58	1.79	4.40	8.18	8.17	29
30	2.33		7.84	3.85	1.97	0.893	2.23	2.37	1.78	3.97	8.01	8.81	30
31	3.05		7.00		1.83		3.38	2.20		3.78		8.42	31
TOTAL	78.13	101.90	185.80	141.39	93.82	37.290	84.118	180.42	84.85	114.82	187.14	142.87	TOTAL
MEAN	2.48	3.51	5.37	4.71	3.02	1.24	2.07	5.17	2.18	3.71	8.24	4.81	MEAN
MAX	3.90	6.86	10.6	8.64	4.80	1.77	8.31	22.0	3.12	8.88	10.1	8.42	MAX
MIN	1.83	2.27	3.13	3.11	1.83	0.893	0.413	2.08	1.88	1.78	3.17	3.01	MIN

SUMMARY FOR THE YEAR 1988

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 3.89
MAXIMUM DAILY, 22.0E ON AUG 2
MINIMUM DAILY, 0.413 ON JUL 12

TYPE OF GAUGE - RECORDING
LOCATION - LAT 42 50 15 N
LONG 80 30 36 W
DRAINAGE AREA, 363 km²

B - ICE CONDITIONS
E - ESTIMATED
REGULATED

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	6 540	JUL	5 540
FEB	8 800	AUG	13 900
MAR	14 400	SEP	8 800
APR	12 200	OCT	9 930
MAY	8 080	NOV	15 200
JUN	3 220	DEC	12 400

TOTAL DISCHARGE, 117 000 dam³

BIG CREEK NEAR WALSINGHAM - STATION NO. 02EC007

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1988

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	7.43	8.308	4.648	8.04	5.87	3.37	1.87	5.97	3.18	2.85	5.11	6.48	1
2	8.32	7.39	4.408	8.61	5.77	3.32	1.84	17.5	3.10	3.09	8.01	6.22	2
3	8.808	8.808	4.308	8.31	5.58	3.28	1.48	24.0	3.71	3.20	4.87	6.01	3
4	8.408	8.858	4.248	9.22	5.26	3.22	1.45	18.2	4.30	3.08	4.81	5.83	4
5	8.158	8.288	4.208	9.38	5.03	3.18	1.44	8.07	3.88	3.07	4.88	5.84	5
6	8.008	4.858	5.008	10.9	4.87	3.05	1.23	8.82	3.87	3.08	5.28	5.60	6
7	4.928	4.788	5.88	11.2	4.88	2.84	1.18	8.92	3.88	3.03	8.18	5.43	7
8	4.848	4.588	8.00	8.49	4.62	2.87	1.22	8.32	3.58	3.02	7.31	8.31	8
9	4.778	4.488	8.87	8.36	4.48	2.82	1.28	8.18	3.47	3.20	8.34	8.18	9
10	4.718	4.388	8.14	7.63	4.73	2.88	1.24	8.08	3.27	3.38	9.08	8.08	10
11	4.668	4.288	8.32	7.01	4.88	2.71	1.21	4.87	3.08	4.14	9.38	4.87	11
12	4.848	4.208	8.47	8.83	4.32	2.70	1.20	4.88	3.02	4.07	8.81	4.808	12
13	4.828	4.178	8.81	8.28	4.28	2.83	1.03	8.83	2.98	3.88	10.7	4.708	13
14	4.818	4.158	7.88	8.04	4.22	2.88	1.08	8.14	2.89	3.88	12.8	4.808	14
15	4.808	8.20	7.48	8.88	4.08	2.88	2.41	8.74	2.80	4.27	11.0	4.808	15
16	8.24	7.28	7.18	8.88	4.83	2.32	1.78	8.87	2.78	4.15	11.0	4.408	16
17	8.18	8.40	8.77	8.81	8.12	2.34	4.83	8.31	2.90	3.90	10.8 A	4.308	17
18	8.83	8.84	8.41	8.48	4.83	2.21	8.78	4.80	3.19	4.89	8.87A	4.208	18
19	8.48	8.808	8.34	8.37	8.28	2.28	4.47	4.08	3.08	8.13	7.82	4.208	19
20	8.18	8.208	8.28	8.28	8.78	2.24	3.83	3.72	3.08	8.33	7.82	8.34	20
21	4.818	7.808	8.87	8.32	8.48	2.21	3.43	3.41	3.08	8.13	9.28	8.83	21
22	4.708	8.408	8.70	8.28	8.38	2.11	3.78	3.18	2.98	9.18	10.1	8.77	22
23	4.808	13.8	8.88	8.22	8.01	2.17	8.71	3.14	3.73	7.88	10.8	8.72	23
24	4.308	10.7	8.18	8.38	4.71	2.20	8.14	3.37	3.87	7.87	12.0	7.88	24
25	4.188	8.808	7.18	8.18	4.43	2.17	8.88	3.40	3.23	8.88	8.80	7.88	25
26	3.988	8.608	12.3	8.08	4.18	2.18	8.02	3.33	3.18	7.12	8.84	7.21	26
27	3.888	8.208	12.7	8.03	3.98	2.08	4.47	3.48	3.20	8.38	7.81	7.32	27
28	3.788	4.808	12.8	8.08	3.84	1.87	4.31	3.88	3.08	8.18	7.38	10.8	28
29	3.738	4.688	13.3	8.20	3.70	1.88	3.80	3.88	2.97	8.03	8.88	11.8	29
30	4.808		11.8	8.20	3.80	1.88	3.84	3.83	2.88	8.58	8.88	10.3	30
31	8.358		8.88		3.47		3.87	3.33		8.24		11.2	31
TOTAL	152.27	176.08	230.70	204.83	145.87	78.18	92.43	186.88	97.38	152.49	248.88	194.75	TOTAL
MEAN	4.91	8.07	7.44	8.83	4.70	2.84	2.98	8.41	3.25	4.92	8.29	8.28	MEAN
MAX	7.43	13.8	13.3	11.2	8.87	3.37	8.78	24.0	4.30	9.18	12.8	11.8	MAX
MIN	3.73	4.18	4.20	8.03	3.47	1.88	1.03	3.14	2.78	2.88	4.81	4.20	MIN

SUMMARY FOR THE YEAR 1988

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 5.38
MAXIMUM DAILY, 24.0 ON AUG 3
MINIMUM DAILY, 1.03 ON JUL 13
MAXIMUM INSTANTANEOUS,
28.7 AT 20:22 EST ON AUG 3

TYPE OF GAUGE - RECORDING
LOCATION - LAT 42 41 05 N
LONG 80 32 15 W
DRAINAGE AREA, 891 km²

A - MANUAL GAUGE
B - ICE CONDITIONS

REGULATED

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	13 200	JUL	7 890
FEB	15 200	AUG	17 200
MAR	19 800	SEP	8 410
APR	17 700	OCT	13 200
MAY	12 800	NOV	21 600
JUN	6 880	DEC	18 800

TOTAL DISCHARGE, 170 000 dam³

BIG OTTER CREEK ABOVE OTTERVILLE - STATION NO. 02GC017

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1988

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	0.580	3.24	0.4688	1.43	0.848	0.278	0.108	7.35	0.368	0.324	0.922	1.04	1
2	0.482	1.83	0.5448	1.24	0.764	0.274	0.104	2.98	0.343	0.383	0.884	0.940	2
3	0.471	0.8498	1.75	1.81	0.650	0.260	0.106	1.90	0.414	0.480	0.950	0.876	3
4	0.442	0.5118	1.31	5.70	0.578	0.256	0.048	1.32	0.467	0.418	0.951	0.827	4
5	0.411	0.4988	0.936	4.32	0.538	0.243	0.010	0.867	1.11	0.403	1.10	0.781	5
6	0.372	0.4788	1.10	2.85	0.518	0.238	0.033	1.40	0.957	0.370	2.24	0.737	6
7	0.348	0.4888	1.88	2.08	0.481	0.214	0.056	1.82	0.818	0.342	3.17	0.726	7
8	0.332	0.478	2.04	1.71	0.481	0.211	0.081	1.07	0.484	0.348	3.85	0.703	8
9	0.328	0.485	2.89	1.38	0.458	0.197	0.099	0.733	0.428	0.343	3.85	0.848	9
10	0.318	0.458	2.72	1.15	0.505	0.188	0.110	0.591	0.388	0.384	3.33	0.800	10
11	0.308	0.438	1.88	1.01	0.510	0.188	0.072	0.847	0.354	1.08	3.89	0.583	11
12	0.304	0.431	1.54	0.898	0.469	0.184	0.010	5.78	0.334	1.83	2.82	0.509	12
13	0.315	0.426	1.45	0.818	0.444	0.174	0.003	3.41	0.332	1.08	3.07	0.504	13
14	0.304	0.404	1.34	0.733	0.422	0.165	0.081	2.01	0.337	0.783	5.43	0.518	14
15	0.282	0.483	1.04	0.770	0.410	0.155	0.015	1.42	0.301	0.866	3.80	0.517	15
16	0.286	0.758	0.909	0.721	0.837	0.151	0.114	1.03	0.283	0.578	2.47	0.502	16
17	0.295	0.976	0.804	0.678	2.57	0.138	0.609	0.783	0.362	0.534	2.08	0.505	17
18	0.407	0.7028	0.758	0.632	1.45	0.128	0.489	0.633	0.442	3.85	1.87	0.499	18
19	0.498	0.7228	0.747	0.580	0.940	0.132	0.379	0.526	0.426	8.28	1.40	0.492	19
20	0.483	0.895	0.724	0.583	0.821	0.117	0.276	0.454	0.395	4.07	1.88	0.880	20
21	0.727	0.8508	0.677	0.714	0.736	0.092	0.303	0.417	0.385	3.00	5.57	1.73	21
22	0.619	0.8148	0.605	0.738	0.781	0.126	0.823	0.382	0.381	2.64	4.78	1.40	22
23	0.4338	2.59	0.611	0.808	0.735	0.137	0.847	0.388	0.590	2.38	2.81	1.43	23
24	0.407	3.59	1.13	0.873	0.577	0.138	0.585	0.383	0.730	2.01	2.18	2.48	24
25	0.387	1.78 E	1.85	0.815	0.480	0.138	0.614	0.444	0.883	1.87	1.74	1.70	25
26	0.358	0.9208	5.80	0.588	0.426	0.126	0.508	0.830	0.441	1.72	1.48	1.23	26
27	0.347	0.8108	5.04	0.882	0.388	0.118	0.384	0.585	0.382	1.37	1.45	1.12	27
28	0.338	0.4988	3.04	0.878	0.384	0.108	0.335	0.520	0.388	1.24	1.45	4.81	28
29	0.340	0.4758	2.34	0.801	0.334	0.108	0.284	0.472	0.341	1.31	1.25	4.88	29
30	0.377		2.15	1.03	0.314	0.118	0.787	0.428	0.328	1.18	1.10	2.59	30
31	1.15		1.78		0.287		17.4	0.395		0.988		1.74	31
TOTAL	12.865	26.530	51.611	37.938	20.034	5.103	26.578	42.307	13.887	44.202	72.837	37.850	TOTAL
MEAN	0.415	0.915	1.66	1.26	0.646	0.170	0.825	1.36	0.456	1.43	2.43	1.22	MEAN
MAX	1.15	3.59	5.80	5.70	2.57	0.278	17.4	7.35	1.11	8.28	5.57	4.88	MAX
MIN	0.282	0.404	0.488	0.582	0.287	0.082	0.003	0.388	0.283	0.324	0.884	0.492	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 1.07
MAXIMUM DAILY, 17.4 ON JUL 31
MINIMUM DAILY, 0.003 ON JUL 13
MAXIMUM INSTANTANEOUS,
28.0 AT 11:21 EST ON JUL 31

SUMMARY FOR THE YEAR 1988

TYPE OF GAUGE - RECORDING
LOCATION - LAT 42 57 55 N
LONG 80 32 35 W
DRAINAGE AREA, 93.2 km²

B - ICE CONDITIONS

REGULATED

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	1 120	JUL	2 210
FEB	2 280	AUG	3 680
MAR	4 480	SEP	1 180
APR	3 280	OCT	3 820
MAY	1 730	NOV	6 290
JUN	441	DEC	3 270

TOTAL DISCHARGE, 33 800 dam³

BIG OTTER CREEK AT TILLSONBURG - STATION NO. 02GC010

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1988

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	2.808	7.52	2.818	5.23	3.15	1.18	0.852	14.2	1.09	1.01	2.33	3.17	1
2	2.208	6.75	2.768	4.62	2.78	1.17	0.508	7.57	1.03	1.15	2.22	2.88	2
3	1.938	3.878	2.728	7.17	2.43	1.08	0.420	3.90	1.81	1.19	2.13	2.78	3
4	1.778	2.868	2.888	18.8	2.21	1.06	0.383	2.78	1.48	1.14	2.12	2.81	4
5	1.628	2.708	2.678	15.2	2.04	1.04	0.257	2.35	1.88	1.11	2.37	2.48	5
6	1.518	2.548	3.808	9.89	1.98	1.03	0.180	2.87	1.88	1.07	3.80	2.38	6
7	1.438	2.488	4.85	6.48	1.83	0.882	0.084	2.88	1.74	1.04	7.09	2.33	7
8	1.378	2.378	5.74	5.48	1.72	0.818	0.108	2.84	1.43	1.08	10.2	2.28	8
9	1.318	2.178	7.82	4.81	1.78	0.904	0.128	2.04	1.24	1.13	10.2	2.18	9
10	1.268	2.068	8.23	3.96	1.84	0.882	0.128	1.72	1.18	1.32	8.33	1.918	10
11	1.218	1.978	6.15	3.50	1.81	0.834	0.185	1.44	1.09	2.08	8.88	1.828	11
12	1.188	1.898	5.30	3.11	1.75	0.858	0.171	3.14	1.08	2.84	7.32	1.918	12
13	1.178	1.848	5.04	2.87	1.70	0.854	0.144	8.24	1.02	2.88	10.1	2.07	13
14	1.188	1.818	4.86	2.71	1.60	0.784	0.120	3.88	0.883	2.21	15.8	1.90	14
15	1.158	2.34	3.87	2.62	1.74	0.767	0.888	2.88	0.884	1.87	11.3	1.87	15
16	1.43	2.81	3.82	2.46	2.17	0.722	0.841	2.28	0.887	1.73	7.80	1.818	16
17	1.81	3.18	3.47	2.41	2.83	0.644	5.01	1.80	1.03	1.85	5.87	1.71	17
18	1.83	3.21	3.11	2.38	3.89	0.580	4.10	1.63	1.06	7.07	4.58	1.73	18
19	1.81	3.42	2.95	2.20	2.81	0.618	2.00	1.40	1.18	11.7	3.83	1.72	19
20	2.46	4.82	2.87	2.21	2.84	0.823	1.47	1.24	1.17	8.81	4.70	2.18	20
21	2.858	4.258	2.518	2.34	2.83	0.585	1.29	1.13	1.10	6.88	15.7	4.73	21
22	2.008	4.288	2.158	2.25	3.08	0.581	3.21	1.03	1.09	5.48	13.8	4.63	22
23	1.808	11.8	2.47	2.44	3.03	0.525	2.88	1.05	1.86	4.81	8.48	5.25	23
24	1.708	10.0 E	3.48	2.34	2.83	0.886	2.37	1.14	1.84	4.48	6.50	7.37	24
25	1.848	8.148	7.17	2.24	2.18	0.572	1.91	1.18	1.86	4.27	5.07	5.80	25
26	1.808	4.288	22.5	2.15	1.80	0.832	1.81	1.16	1.35	3.83	4.38	4.30	26
27	1.888	3.538	18.8	2.10	1.82	0.888	1.76	1.85	1.20	3.32	4.18	4.40	27
28	1.868	3.078	12.0	2.30	1.48	0.441	1.40	1.49	1.10	3.08	4.05	15.8	28
29	1.888	2.94	8.17	2.78	1.41	0.331	1.19	1.35	1.05	2.81	3.77	15.2	29
30	1.87		7.88	3.09	1.34	0.483	1.13	1.24	1.01	2.78	3.38	9.88	30
31	3.84		6.38		1.23		8.88	1.16		2.66		8.32	31
TOTAL	84.40	112.08	178.78	133.03	68.78	22.958	44.208	82.42	37.474	99.27	203.63	127.48	TOTAL
MEAN	1.75	3.87	5.80	4.43	2.18	0.765	1.43	2.88	1.25	3.20	6.76	4.11	MEAN
MAX	3.84	11.8	22.5	18.8	3.89	1.18	8.88	14.2	1.88	11.7	15.8	15.8	MAX
MIN	1.15	1.81	2.15	2.10	1.23	0.331	0.084	1.03	0.887	1.01	2.12	1.71	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 3.18
MAXIMUM DAILY, 22.5 ON MAR 26
MINIMUM DAILY, 0.084 ON JUL 7
MAXIMUM INSTANTANEOUS,
24.3 AT 12:10 EST ON MAR 26

SUMMARY FOR THE YEAR 1988

TYPE OF GAUGE - RECORDING
LOCATION - LAT 42 51 40 N
LONG 80 43 10 W
DRAINAGE AREA, 342 km²

B - ICE CONDITIONS

NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	4 700	JUL	3 820
FEB	8 880	AUG	7 120
MAR	15 800	SEP	3 240
APR	11 800	OCT	8 880
MAY	5 770	NOV	17 800
JUN	1 980	DEC	11 000

TOTAL DISCHARGE, 100 000 dam³

BIG OTTER CREEK NEAR CALTON - STATION NO. 02CC026

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1988

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	5.95B	24.8	6.38B	13.8	7.11E	2.91	1.54	24.4 E	2.20	2.13	4.59	6.18	1
2	5.89B	26.5	6.27B	12.2	6.23E	3.00	1.70	13.4 E	2.05	2.28	4.36	5.81	2
3	5.36B	14.5 B	6.18B	15.6	5.52E	2.88	1.59	7.33E	2.85	2.55	4.24	5.60	3
4	5.05B	10.4 B	6.11B	34.1	5.03E	2.80	1.54	5.40E	3.22	2.47	4.15	5.33	4
5	4.74B	8.38B	6.07B	38.0	4.88E	2.72	1.48	4.74E	2.81	2.38	4.29	5.08	5
6	4.49B	6.77B	7.95B	29.0 E	4.30A	2.85	1.28	4.80E	2.77	2.24	5.68	5.02	6
7	4.32B	5.64B	11.0 B	22.0 E	4.19E	2.58	1.28 A	4.30E	3.08	2.21	10.6	4.92	7
8	4.17B	5.25B	11.2 B	17.0 E	3.95E	2.48	1.00 E	4.00E	2.85	2.14	18.2	4.75	8
9	4.03B	4.93B	13.0 B	13.5 E	4.07E	2.49	0.800E	3.70E	2.81	2.39	20.0	4.54	9
10	3.88B	4.65B	15.9	11.2 E	4.30E	2.62	0.740E	3.50E	2.38	2.48	17.8	4.38B	10
11	3.78B	4.48B	13.0	8.90E	4.13E	2.39	0.680E	3.18E	2.14	3.47	16.5	4.16B	11
12	3.70B	4.28B	11.1	7.60E	3.98E	2.33	0.620E	6.93E	2.13	4.21	14.7	4.58B	12
13	3.63B	4.18B	11.6	6.80E	3.68E	2.31	0.730E	11.0 E	2.14	4.48	20.7	4.81B	13
14	3.80B	4.11B	10.6	6.25E	3.65E	2.24	0.890E	7.22E	2.05	4.12	31.3	4.31B	14
15	3.56B	5.32B	8.52	5.85E	3.90E	2.16	1.81 E	5.72E	2.00	3.87	24.8	4.22B	15
16	3.98B	5.93B	8.35	5.60E	4.20E	2.05	1.41 E	4.51E	1.98	3.35	18.9	4.08B	16
17	4.24B	7.18B	8.09	5.35E	4.60E	1.99	11.3 E	3.86	2.17	3.18	12.0	3.89B	17
18	5.33B	7.29B	7.52	5.18E	4.95A	1.93	7.84 E	3.26	2.37	6.23	8.49	3.91B	18
19	4.98B	7.77B	7.05	5.04E	5.73	1.84	4.18 E	2.93	2.28	15.6	7.69	3.89B	19
20	5.25B	10.3 B	6.95	4.95E	4.69	1.89	3.24 E	2.66	2.39	16.5	8.65	5.20B	20
21	7.05B	8.86B	6.51	5.15E	4.98	1.90	2.96 E	2.45	2.33	12.6	25.2	10.7 B	21
22	4.93B	8.72B	6.13	5.00E	5.54	1.87	6.33 E	2.18	2.24	10.0	28.6	8.76B	22
23	4.57B	26.4 B	6.21	5.28E	5.63	1.89	6.05 E	2.08	3.53	8.37	21.3	11.8 B	23
24	4.33B	22.7 B	7.98	5.05E	5.06	1.80	5.78 E	2.37	3.19	8.37	14.1	15.6 B	24
25	4.18B	14.0 B	14.7	4.91A	4.39	1.87	4.46 E	2.38	2.81	7.78	10.6	13.7	25
26	4.08B	9.72B	41.5	4.85	4.05	1.81	5.20 E	2.23	2.74	7.05	8.90	9.53	26
27	3.98B	8.02B	42.8	4.60	3.71	1.82	6.42 A	2.19	2.53	6.21	8.10	8.96	27
28	3.93B	6.97B	31.6	4.84	3.48	1.77	4.78 E	2.75	2.40	5.80	7.66	27.7	28
29	3.89B	6.86B	22.6	5.72	3.31	1.88	3.07 E	2.68	2.31	5.54	7.20	33.2	29
30	5.20B		18.9	5.74	3.14	1.46	2.87 E	2.43	2.20	5.24	6.84	21.7	30
31	12.8 B		16.8		3.02		12.5 E	2.26		4.93		15.7	31
TOTAL	151.65	284.53	400.35	318.47	138.54	65.81	105.010	151.40	74.77	170.13	396.05	273.18	TOTAL
MEAN	4.89	9.81	12.9	10.8	4.50	2.19	3.42	4.88	2.49	5.49	13.3	8.81	MEAN
MAX	12.8	26.4	42.8	38.0	7.11	3.00	12.5	24.4	3.53	16.5	31.3	33.2	MAX
MIN	3.56	4.11	6.07	4.60	3.02	1.46	0.890	2.05	1.98	2.13	4.16	3.89	MIN

SUMMARY FOR THE YEAR 1988

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 8.83
MAXIMUM DAILY, 42.8 ON MAR 27
MINIMUM DAILY, 0.89OE ON JUL 14
MAXIMUM INSTANTANEOUS,
47.8 AT 00:27 EST ON MAR 27

TYPE OF GAUGE - RECORDING
LOCATION - LAT 42 42 30 N
LONG 80 50 30 W
DRAINAGE AREA, 678 km²
A - MANUAL GAUGE
B - ICE CONDITIONS
E - ESTIMATED
REGULATED

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	13 100	JUL	9 180
FEB	24 600	AUG	13 100
MAR	34 800	SEP	8 480
APR	27 800	OCT	14 700
MAY	12 100	NOV	34 400
JUN	5 690	DEC	23 800

TOTAL DISCHARGE, 219 000 dam³

BIG TROUT LAKE AT TROUT LAKE - STATION NO. 04CE001

DAILY WATER LEVEL IN METRES FOR 1988

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	---	---	---	---	---	0.830	0.880	0.880	0.770	0.880	0.880	---	1
2	---	---	---	---	---	0.840	0.880	0.880	0.770	0.880	0.880	---	2
3	---	---	---	---	---	0.840	0.880	0.880	0.780	0.840	0.880	---	3
4	---	---	---	---	---	0.840	0.840	0.880	0.780	0.840	0.880	---	4
5	---	---	---	---	---	0.850	0.850	0.830	0.780	0.840	0.850	---	5
6	---	---	---	---	---	0.880	0.850	0.820	0.780	0.850	---	---	6
7	---	---	---	---	---	0.870	0.880	0.820	0.780	0.850	---	---	7
8	---	---	---	---	---	0.870	0.880	0.820	0.740	0.850	---	---	8
9	---	---	---	---	---	0.880	0.870	0.820	0.740	0.850	---	---	9
10	---	---	---	---	---	0.890	0.870	0.830	0.720	0.850	---	---	10
11	---	---	---	---	---	0.880	0.870	0.830	0.710	0.840	---	---	11
12	---	---	---	---	---	0.880	0.870	0.840	0.710	0.840	---	---	12
13	---	---	---	---	---	0.880	0.870	0.840	0.700	0.840	---	---	13
14	---	---	---	---	---	0.880	0.870	0.840	0.700	0.840	---	---	14
15	---	---	---	---	---	0.890	0.880	0.850	0.890	0.840	---	---	15
16	---	---	---	---	---	0.880	0.870	0.850	0.880	0.840	---	---	16
17	---	---	---	---	---	0.880	0.870	0.830	0.880	0.840	---	---	17
18	---	---	---	---	---	0.880	0.870	0.788	0.880	0.840	---	---	18
19	---	---	---	---	---	0.880	0.870	0.820	0.870	0.840	---	---	19
20	---	---	---	---	---	0.880	0.870	0.820	0.870	0.840	---	---	20
21	---	---	---	---	0.780	0.870	0.870	0.810	0.870	0.840	---	---	21
22	---	---	0.374	---	0.780	0.860	0.870	0.800	0.870	0.840	---	---	22
23	---	---	---	---	0.800	0.880	0.870	0.800	0.883	0.840	---	---	23
24	---	---	---	---	0.800	0.880	0.870	0.780	0.870	0.840	---	---	24
25	---	---	---	---	0.800	0.900	0.880	0.780	0.880	0.850	---	---	25
26	---	---	---	---	0.820	0.880	0.880	0.780	0.880	0.850	---	---	26
27	---	---	---	---	0.820	0.880	0.870	0.780	0.880	0.850	---	---	27
28	---	---	---	---	0.805	0.880	0.870	0.770	0.870	0.850	---	---	28
29	---	---	---	---	0.830	0.880	0.880	0.780	0.870	0.850	---	---	29
30	---		---	---	0.830	0.870	0.870	0.780	0.880	0.850	---	---	30
31	---		---		0.830		0.870	0.780		0.850		---	31
MEAN	---	---	---	---	---	0.878	0.885	0.818	0.702	0.848	---	---	MEAN
MAX	---	---	---	---	---	0.900	0.880	0.880	0.770	0.880	---	---	MAX
MIN	---	---	---	---	---	0.830	0.840	0.770	0.880	0.840	---	---	MIN

SUMMARY FOR THE YEAR 1988

TYPE OF GAUGE - MANUAL
LOCATION - LAT 53 49 00 N
LONG 89 54 00 W

NATURAL FLOW

WATER LEVELS ARE REFERRED TO GEODETIC SURVEY OF CANADA DATUM

REMARKS - SEASONAL OPERATION (MAY-OCT)

BIGHEAD RIVER NEAR MEAFORD - STATION NO. 02FB010

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1988

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	3.708	46.4	5.808	13.1	5.27	1.53	0.813	0.483	0.663	1.08	5.88	5.26A	1
2	3.858	16.3	5.708	11.5	4.84	1.48	0.825	0.590	0.808	4.42	5.17	4.48	2
3	3.478	15.0 B	5.558	13.1	4.08	1.40	0.884	0.736	0.720	5.10E	4.85	4.16	3
4	3.408	13.2 B	5.408	14.1	3.78	1.28	0.784	0.603	1.58	4.45A	4.57	3.62	4
5	3.328	12.2 B	5.308	12.4	3.52	1.03	0.800	0.491	8.39	5.80E	8.03	3.86	5
6	3.288	11.3 B	5.258	10.4	3.41	1.22	0.788	0.809	3.52 A	9.20E	5.18	3.60	6
7	3.208	10.6 B	5.208	9.81	3.12	1.45	0.708	0.625	2.54	4.11A	4.60	3.60	7
8	3.148	10.3 B	5.308	8.23	2.88	1.47	0.670	0.525	1.91	2.70E	4.38	3.42	8
9	3.108	9.858	6.808	7.85	3.37	1.36	0.713	0.718	1.48	2.28E	5.37	3.20B	9
10	3.088	9.758	17.0 B	8.77	8.25	1.20	0.818	0.803	1.17	2.30E	24.3	3.12B	10
11	3.088	9.608	11.0 B	8.20	4.51	1.18	1.28	0.882	0.888	2.40E	26.3	3.00B	11
12	3.018	9.458	9.008	5.73	3.57	1.01	1.23	0.700	0.908	2.55E	12.4	2.80B	12
13	2.978	9.308	7.808	5.47	3.62	1.06	0.888	0.688	2.45	2.85E	13.5	2.82B	13
14	2.928	9.208	7.008	5.67	3.11	1.13	0.841	0.820	1.75	3.20E	10.9	2.80B	14
15	2.908	11.5 B	6.408	5.09	2.94	1.05	0.810	1.13	1.32	2.40	8.23	2.62B	15
16	2.858	16.0 B	5.808	5.82	4.52	0.974	0.818	1.01	0.965	2.05	8.87	2.70B	16
17	2.808	14.0 B	5.408	5.38	4.04	0.935	0.848	1.15	0.948A	2.00E	8.38	2.80B	17
18	4.008	13.6 B	5.008	8.10	3.18	1.02	0.898	1.18	1.26	3.10E	5.88	2.82B	18
19	8.008	10.5 B	4.758	5.52	2.98	0.883	0.752	0.998	1.22	2.80E	5.14	2.50B	19
20	13.0 B	9.208	4.458	5.44	2.94	0.880	0.881	0.784	1.24	2.80E	5.40	4.40B	20
21	18.0 B	8.408	4.308	5.24	4.26	1.05	0.878	0.842	1.41	2.25E	6.83	25.0 B	21
22	11.0 B	8.808	4.208	4.88	3.68	1.35	0.831	0.482	1.24	2.00E	5.62	15.0 B	22
23	8.008	9.508	8.64	4.58	3.28	2.07	0.888	0.888	2.28	1.80E	5.13	14.3	23
24	6.808	8.108	17.0	5.74	2.87	1.58	0.883	0.858	1.98	3.80E	4.82	14.1	24
25	8.008	7.808	26.8	5.80	2.58	1.25	0.884	0.727A	1.49	11.8 A	4.38	9.46	25
26	5.708	7.008	33.4	5.19	2.40	1.04	0.833	0.900E	1.24	10.9	4.21	7.44	26
27	5.408	6.808	25.9	5.03	2.28	1.03	0.884	1.20 E	1.26	8.21	4.86	6.43	27
28	5.108	6.308	18.4	5.48	1.84	1.18	0.883	1.60 E	0.884	8.83	4.74	24.3	28
29	4.958	6.108	17.2	5.49	1.78	0.892	0.830	1.38 A	1.10 E	8.41	4.80	13.6	29
30	8.708		20.4	8.43	1.80	0.858	0.888	1.30	0.958A	8.85	4.30A	10.1	30
31	35.0 B		18.4		1.84		0.804	0.928		5.85		8.38	31
TOTAL	194.20	337.85	323.44	218.78	103.62	35.780	22.883	25.338	49.751	138.17	218.83	218.67	TOTAL
MEAN	6.26	11.6	10.4	7.33	3.34	1.19	0.738	0.817	1.68	4.48	7.29	7.05	MEAN
MAX	35.0	46.4	33.4	14.1	8.27	2.07	1.28	1.60	8.30	11.8	26.3	25.0	MAX
MIN	2.80	6.10	4.20	4.88	1.84	0.893	0.804	0.482	0.720	1.08	4.21	2.80	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 5.18
MAXIMUM DAILY, 46.4 ON FEB 1
MINIMUM DAILY, 0.482 ON AUG 22
MAXIMUM INSTANTANEOUS,
82.7 AT 03:20 EST ON FEB 1

SUMMARY FOR THE YEAR 1988

TYPE OF GAUGE - RECORDING
LOCATION - LAT 44 34 10 N
LONG 80 39 00 W
DRAINAGE AREA, 283 km²
A - MANUAL GAUGE
B - ICE CONDITIONS
E - ESTIMATED
REGULATED

MONTHLY TOTAL DISCHARGE
IN CUBIC DECAMETRES

JAN	16 800	JUL	1 980
FEB	28 200	AUG	2 190
MAR	27 900	SEP	4 300
APR	19 000	OCT	12 000
MAY	8 940	NOV	18 900
JUN	3 090	DEC	18 900

TOTAL DISCHARGE, 163 000 dam³

BLACK CREEK BELOW ACTON - STATION NO. 02HB024

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1988

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	0.214	0.726A	0.168	0.378	0.283	0.131	0.092	0.184	0.085	0.078	0.087	0.175	1
2	0.200	0.477	0.162	0.351	0.261	0.112	0.095	0.244	0.095	0.143	0.087	0.161	2
3	0.189	0.328	0.172	0.603	0.254	0.115	0.084	0.158	0.157	0.097	0.083	0.184	3
4	0.188A	0.287	0.170	0.612	0.235	0.118	0.088	0.141	0.274	0.088	0.082	0.197	4
5	0.190E	0.238	0.168	0.513	0.234	0.119	0.104	0.139	0.174	0.095	0.181	0.188	5
6	0.188E	0.211	0.177	0.481	0.227	0.109	0.110	0.120	0.138	0.083	0.221	0.185	6
7	0.178E	0.214	0.182	0.408	0.234	0.174	0.108	0.089	0.134	0.078	0.385	0.180	7
8	0.170E	0.196	0.214	0.380	0.234	0.184	0.089	0.083	0.123	0.088	0.288	0.171	8
9	0.185E	0.188	0.340	0.298	0.245	0.141	0.088	0.085	0.110	0.105	0.238	0.187	9
10	0.180E	0.183	0.395	0.178	0.250	0.128	0.088	0.086	0.103	0.170	0.235	0.146B	10
11	0.185E	0.180	0.403	0.284	0.288	0.140	0.134	0.118	0.083	0.143	0.114	0.140B	11
12	0.180E	0.178B	0.380	0.274	0.184	0.143	0.122	0.128	0.102	0.114	0.128	0.136	12
13	0.225E	0.175B	0.358	0.307	0.183	0.108	0.110	0.088	0.107	0.111	0.603	0.135	13
14	0.180E	0.173	0.323	0.290	0.138	0.108	0.103	0.088	0.090	0.105	0.638	0.134B	14
15	0.180E	0.377	0.280	0.288	0.228	0.091	0.104	0.081	0.074	0.089	0.362	0.135B	15
16	0.145E	0.387	0.258	0.281	0.420	0.104	0.125	0.088	0.072	0.087	0.273	0.131B	16
17	0.155E	0.283	0.238	0.254	0.383	0.087	0.178	0.121	0.201	0.123	0.218	0.126	17
18	0.260E	0.242	0.243	0.234	0.351	0.088	0.121	0.094	0.130	0.427	0.183	0.127	18
19	0.225E	0.234	0.228	0.237	0.293	0.077	0.115	0.087	0.123	0.341	0.180	0.140	19
20	0.680E	0.230B	0.212	0.256	0.287	0.080	0.115	0.084	0.128	0.266	0.248	0.167	20
21	0.500E	0.218B	0.198	0.318	0.298	0.087	0.126	0.078	0.080	0.228	0.322	0.180	21
22	0.250E	0.219	0.188	0.323	0.311	0.108	0.139	0.084	0.081	0.221	0.276	0.157	22
23	0.180E	0.234	0.348	0.310	0.303	0.088	0.185	0.101	0.110	0.187	0.254	0.221	23
24	0.115E	0.207	0.605	0.274	0.282	0.088	0.227	0.114	0.187	0.181	0.238	0.222	24
25	0.105E	0.204	1.01	0.238	0.288	0.087	0.187	0.121	0.208	0.173	0.220	0.188	25
26	0.088E	0.198	1.43	0.212	0.348	0.085	0.155	0.085	0.078	0.188	0.223	0.174	26
27	0.087E	0.191	0.890	0.248	0.198	0.084	0.130	0.087	0.088	0.154	0.227	0.288	27
28	0.110E	0.185	0.637	0.281	0.200	0.088	0.115	0.088	0.087	0.182	0.208	0.443	28
29	0.180E	0.187	0.543	0.288	0.225	0.088	0.103	0.088	0.081	0.081	0.184	0.300B	29
30	0.240E		0.484	0.303	0.208	0.083	0.532	0.105	0.072	0.078	0.183	0.250B	30
31	0.500E		0.418		0.185		0.208	0.092		0.088		0.225B	31
TOTAL	8.718	7.308	11.880	8.615	7.804	3.227	4.332	3.428	3.598	4.584	7.280	5.781	TOTAL
MEAN	0.217	0.252	0.388	0.317	0.252	0.108	0.140	0.111	0.120	0.148	0.242	0.188	MEAN
MAX	0.680	0.726	1.43	0.612	0.420	0.174	0.532	0.244	0.274	0.427	0.638	0.443	MAX
MIN	0.087	0.173	0.158	0.178	0.138	0.077	0.092	0.078	0.072	0.078	0.087	0.128	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 0.208
MAXIMUM DAILY, 1.43 ON MAR 26
MINIMUM DAILY, 0.072 ON SEP 16
MAXIMUM INSTANTANEOUS,
3.51 AT 16:39 EST ON JUL 30

SUMMARY FOR THE YEAR 1988

TYPE OF GAUGE - RECORDING
LOCATION - LAT 43 37 48 N
LONG 80 00 41 W
DRAINAGE AREA, 18.8 km²
A - MANUAL GAUGE
B - ICE CONDITIONS
E - ESTIMATED
REGULATED

MONTHLY TOTAL DISCHARGE
IN CUBIC DECAMETRES

JAN	580	JUL	374
FEB	831	AUG	286
MAR	1 040	SEP	311
APR	822	OCT	388
MAY	674	NOV	827
JUN	279	DEC	486

TOTAL DISCHARGE, 6 630 dam³

BLACK CREEK NEAR WESTON - STATION NO. 02HC027

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1988

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	0.251	0.576	0.264	0.375	0.236	0.195	0.142	0.697	0.173	0.220	0.194	0.239	1
2	0.302	0.556	0.489	0.350	0.221	0.195	0.150	0.233	0.166	3.37	0.193	0.229	2
3	0.232	0.232	0.493	3.97	0.217	1.10	0.146	0.223	1.81	0.588	0.192	0.224	3
4	0.235	0.237	0.308	2.83	0.223	0.455	0.151	0.227	7.20	1.84	0.278	0.210	4
5	0.328	0.243	0.585	1.20	0.228	0.236	0.147	0.227	0.839	0.543	3.13	0.214	5
6	0.385	0.235	1.08	0.825	0.225	0.194	0.148	0.201	0.285	0.235	1.18	0.2248	6
7	0.260	0.272	1.74	0.728	0.208	0.755	0.154	0.218	0.215	0.358	0.321	0.2308	7
8	0.278	0.290	1.61	0.685	0.208	0.340	0.164	0.211	0.194	0.197	1.41	0.215	8
9	0.228	0.237	1.60	0.488	0.313	0.215	0.160	0.258	0.178	0.183	0.648	0.209	9
10	0.350	0.218	1.10	0.400	0.507	0.173	0.150	0.237	0.187	0.682	1.70	0.1988	10
11	0.473	0.208	0.825	0.373	0.272	0.174	0.227	1.08	0.148	0.817	0.471	0.1948	11
12	0.213	0.208	0.708	0.333	0.210	0.181	0.631	0.317	0.177	0.378	0.245	0.2208	12
13	0.224	0.215	0.648	0.328	0.208	0.186	0.178	0.315	0.672	0.240	3.42	0.2838	13
14	0.233	0.229	0.585	2.30	0.191	0.172	0.361	0.237	0.182	0.183	0.772	0.409	14
15	0.231	2.18	0.328	0.699	2.28	0.178	0.222	0.321	0.158	0.195	0.345	0.4808	15
16	0.184	0.840	0.272	0.320	2.83	0.168	0.842	0.273	0.198	0.202	0.436	0.2308	16
17	0.741	0.481	0.261	0.283	0.488	0.167	2.71	1.74	5.47	0.351	0.375	0.238	17
18	1.18	0.539	0.282	0.884	0.310	0.162	0.228	0.258	0.828	4.04	0.222	0.2208	18
19	0.356	1.04	0.264	0.310	1.78	0.152	0.184	0.188	0.283	0.410	0.202	0.264	19
20	2.26	2.51	0.241	0.572	0.851	0.160	0.182	0.168	0.228	0.212	2.80	0.396	20
21	0.617	0.412	0.232	0.485	0.425	0.172	0.188	0.141	0.207	0.848	1.30	0.285	21
22	0.278	1.47	0.223	0.284	0.309	1.13	1.58	0.150	0.210	1.42	0.483	0.229	22
23	0.227	2.17	0.392	0.440	0.264	0.361	0.851	0.625	1.30	0.578	0.360	1.80	23
24	0.669	0.895	1.24	0.286	0.229	0.187	2.08	0.638	0.228	0.788	0.287	0.856	24
25	0.371	0.478	1.88	0.228	0.482	0.173	3.24	0.783	0.178	0.482	0.278	0.422	25
26	0.241	0.351	1.60	0.686	0.210	0.153	2.30	0.658	0.185	0.473	0.264	0.231	26
27	0.270	0.385	0.872	0.872	0.206	0.161	0.600	0.224	0.830	0.254	0.344	2.53	27
28	0.198	0.324	0.638	0.616	0.182	0.153	0.236	0.182	0.812	0.331	0.274	2.48	28
29	0.235	0.345	0.587	1.18	0.178	0.180	0.211	0.182	0.238	0.188	0.242	0.367	29
30	0.231		0.493	0.458	0.188	0.150	2.23	0.173	0.208	0.180	0.240	0.771	30
31	0.358		0.430		0.198		0.443	0.183		0.187		0.338	31
TOTAL	13.584	18.113	22.703	23.841	14.713	8.387	21.144	11.831	23.843	20.644	22.332	14.262	TOTAL
MEAN	0.408	0.625	0.732	0.798	0.475	0.280	0.882	0.382	0.788	0.888	0.744	0.463	MEAN
MAX	2.28	2.51	1.88	3.87	2.83	1.13	3.24	1.74	7.20	4.04	3.42	2.83	MAX
MIN	0.184	0.208	0.223	0.228	0.178	0.150	0.142	0.141	0.148	0.180	0.192	0.194	MIN

SUMMARY FOR THE YEAR 1988

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 0.585
MAXIMUM DAILY, 7.20 ON SEP 4
MINIMUM DAILY, 0.141 ON AUG 21
MAXIMUM INSTANTANEOUS,
39.0 AT 00:38 EST ON SEP 4

TYPE OF GAUGE - RECORDING
LOCATION - LAT 43 40 31 N
LONG 79 30 21 W
DRAINAGE AREA, 58.0 km²

B - ICE CONDITIONS

NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	1 090	JUL	1 630
FEB	1 680	AUG	1 020
MAR	1 880	SEP	2 040
APR	2 070	OCT	1 780
MAY	1 270	NOV	1 930
JUN	725	DEC	1 240

TOTAL DISCHARGE, 18 800 dam³

BLACK RIVER AT BALDWIN - STATION NO. 02EC008

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1988

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	1.30 B	2.88	0.7008	4.81	3.15	0.790	0.382	1.14	0.802	0.581	1.15	1.82	1
2	1.15 B	1.80 B	0.8508	4.41	2.98	0.744	0.378	1.08	1.08	0.871	1.03	1.48 B	2
3	1.04	1.45 B	0.6108	4.86	2.87	0.718	0.453	0.948	1.13	0.825	0.818	1.35 B	3
4	1.02 B	1.25 B	0.5758	7.11	2.42	0.690	0.480	0.458	0.353	1.03	0.858	1.27	4
5	0.9308	1.18 B	0.5858	9.14	2.13	0.488	0.444	0.287	0.812	2.20	0.855	1.33	5
6	0.8858	1.08 B	0.5758	8.59	1.74	0.322	0.457	0.317	2.67	1.45	1.32	1.38	6
7	0.8458	1.03 B	0.8808	7.84	1.58	0.676	0.396	0.308	2.89	0.990	2.83	1.31	7
8	0.8058	1.00 B	1.16 B	6.43	1.52	0.881	0.440	0.324	1.89	0.857	2.45	1.25	8
9	0.7708	0.9858	2.30 B	5.57	1.47	0.892	0.498	0.322	1.47	0.767	2.06	1.00 B	9
10	0.7458	0.9358	3.88 B	4.74	1.45	0.843	0.417	0.286	0.728	0.760	2.45	0.8858	10
11	0.7208	0.9108	4.85 B	3.89	1.87	0.823	0.435	0.328	0.283	1.02	2.84	0.7758	11
12	0.7858	0.8758	5.00 B	3.31	1.47	0.417	0.483	1.16	0.323	1.83	2.28	0.7118	12
13	0.7958	0.8458	3.32	2.86	1.32	0.818	0.273	0.826	0.361	1.80	2.04	0.6888	13
14	0.7508	0.8158	2.45 B	1.86	1.16	0.474	0.254	0.313	0.430	1.27	2.19	0.6858	14
15	0.7108	0.8858	2.00 B	2.88	0.900	0.431	0.278	0.307	0.882	1.01	2.38	0.7008	15
16	0.8808	0.9208	1.88 B	3.16	1.84	0.398	0.288	0.306	0.823	0.810	2.73	0.6958	16
17	0.802	0.8958	1.67 B	3.00	2.74	0.378	0.306	0.348	0.828	0.884	2.09	0.6858	17
18	2.08	0.8808	1.62	2.76	3.31	0.384	0.318	0.888	1.11	0.838	1.88	0.6728	18
19	2.01	0.8158	1.33 B	2.83	3.22	0.385	0.310	0.618	1.82	0.801	1.47	0.6588	19
20	2.68	1.00 B	1.24 B	2.88	2.88	0.372	0.307	0.348	1.12	1.37	1.38	0.7388	20
21	2.98 B	0.9858	1.13 B	2.45	2.88	0.345	0.282	0.373	0.781	1.14	2.14	1.14 B	21
22	2.44 B	0.9308	1.01 B	2.33	2.71	0.497	0.318	0.381	0.710	0.811	2.85 B	1.23 B	22
23	1.93	1.08 B	1.26 B	2.29	2.54	0.888	0.328	0.385	0.728	0.822	2.78 B	1.18 B	23
24	1.38	1.18 B	3.88	1.81	2.88	1.87	0.342	1.27	0.781	0.888	2.67 B	1.18 B	24
25	1.14 B	1.05 B	8.82	1.38	2.38	2.04	0.380	1.02	0.777	1.02	2.47 B	1.11 B	25
26	0.9858	0.9408	11.5	1.83	2.00	1.70	1.02	0.328	0.718	1.08	2.25	1.03 B	26
27	0.8708	0.8858	13.3	1.95	1.88	1.23	1.74	0.844	0.675	0.888	2.08	1.00 B	27
28	0.765	0.7908	11.3	2.18	1.33	0.828	1.35	0.380	0.632	0.841	1.88	1.17 B	28
29	0.718	0.7508	8.21	2.89	0.808	0.385	0.878	0.818	0.618	0.884	1.67	1.31 B	29
30	0.688		6.73	3.17	1.04	0.370	0.324	0.671	0.582	0.848	1.75	1.48 B	30
31	1.30		5.38		0.872		0.781	0.670		0.885		1.32 B	31
TOTAL	36.887	31.100	107.748	118.49	82.500	20.411	15.083	17.151	27.787	32.017	58.880	32.889	TOTAL
MEAN	1.18	1.07	3.48	3.85	2.82	0.880	0.487	0.853	0.825	1.03	1.88	1.06	MEAN
MAX	2.88	2.88	13.3	9.58	3.31	2.04	1.74	1.37	2.88	2.20	2.84	1.82	MAX
MIN	0.688	0.780	0.555	1.38	0.808	0.322	0.254	0.287	0.283	0.581	0.855	0.858	MIN

SUMMARY FOR THE YEAR 1988

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 1.53
MAXIMUM DAILY, 13.3 ON MAR 27
MINIMUM DAILY, 0.254 ON JUL 14
MAXIMUM INSTANTANEOUS,
13.5 AT 19:08 EST ON MAR 27

TYPE OF GAUGE - RECORDING
LOCATION - LAT 44 15 39 N
LONG 79 20 40 W
DRAINAGE AREA, 274 km²

B - ICE CONDITIONS

REGULATED

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	3 180	JUL	1 300
FEB	2 880	AUG	1 480
MAR	9 310	SEP	2 400
APR	9 880	OCT	2 770
MAY	5 400	NOV	5 180
JUN	1 780	DEC	2 880

TOTAL DISCHARGE, 48 300 dam³

BLACK RIVER NEAR ACTINOLITE - STATION NO. 02HL003

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1988

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	6.20 B	10.5 B	3.45 B	34.3	6.28	1.78	0.717	0.436	0.863	0.890	1.22	2.28	1
2	5.80 B	11.0 B	3.38 B	32.1	5.15	1.70	0.682	0.432	0.878	1.01	1.12	2.06	2
3	5.45 B	9.70 B	3.30 B	31.5	5.65	1.67	0.600	0.420	0.895	1.10	0.969	1.99	3
4	5.20 B	9.00 B	3.25 B	35.7	4.98	1.50	0.452	0.394	0.887	1.02	0.941	1.97	4
5	4.93 B	8.40 B	3.20 B	37.7	4.44	1.23	0.398	0.394	0.733	0.945	0.927	2.00	5
6	4.70 B	8.00 B	3.15 B	38.4	4.08	1.18	0.388	0.483	0.731	0.925	1.14	2.05	6
7	4.53 B	7.40 B	3.10 B	33.2	3.78	1.10	0.314	0.373	0.691	0.911	1.38	2.23	7
8	4.33 B	7.00 B	3.40 B	29.8	3.40	1.12	0.284	0.380	0.648	0.889	1.52	2.29	8
9	4.18 B	6.50 B	3.90 B	26.2	3.00	1.08	0.284	0.380	0.656	0.885	1.69	2.25	9
10	4.00 B	6.10 B	4.35 B	23.2	2.85	1.07	0.318	0.404	0.657	0.905	1.88	2.13	10
11	3.85 B	5.80 B	4.15 B	20.5	2.75	0.997	0.244	0.377	0.644	1.00	1.89	2.14	11
12	3.74 B	5.60 B	4.00 B	18.2	2.57	1.01	0.295	0.388	0.636	1.05	1.90	1.92	12
13	3.62 B	6.00 B	3.80 B	16.7	2.45	1.01	0.306	0.336	0.658	0.959	2.04	1.95	13
14	3.52 B	5.80 B	3.80 B	14.0	2.36	0.971	0.318	0.327	0.634	0.915	2.91	2.17	14
15	3.43 B	5.30 B	3.70 B	11.6	2.27	0.948	0.293	0.374	0.636	0.899	2.74	2.24	15
16	3.37 B	5.00 B	3.20 B	11.1	3.20	0.939	0.324	0.388	0.623	0.906	2.57	2.15	16
17	3.30 B	4.85 B	2.90 B	10.8	3.85	0.884	0.430	0.442	0.658	0.939	2.67	2.16	17
18	3.80 B	4.70 B	2.68 B	10.8	3.31	0.658	0.417	0.878	0.680	0.992	2.68	2.18	18
19	4.00 B	4.80 B	2.63 B	10.1	3.13	0.659	0.441	0.881	0.659	0.998	2.98	2.11	19
20	4.35 B	4.60 B	2.77 B	9.53	3.63	0.805	0.458	0.844	0.674	0.999	3.81	2.20	20
21	5.40 B	4.80 B	2.72 B	8.81	4.76	0.842	0.458	0.632	0.682	0.986	2.88	2.74	21
22	4.80 B	4.85 B	2.70 B	7.16	5.51	0.870	0.454	0.649	0.884	1.08	2.88	3.08	22
23	4.40 B	4.80 B	2.72 B	6.89	4.85	0.970	0.452	0.647	0.738	1.14	2.73	2.98	23
24	4.30 B	4.80 B	4.85 B	4.70	4.21	0.945	0.535	0.807	0.737	1.11	2.83	2.86	24
25	4.20 B	4.30 B	7.73 B	4.40	3.81	0.873	0.543	1.05	0.885	1.19	2.85	2.92	25
26	4.10 B	3.00 B	25.5	4.44	3.19	0.859	0.534	0.863	0.815	1.23	2.85	2.81	26
27	3.78 B	3.85 B	38.1	4.35	2.85	0.830	0.513	0.818	0.813	1.21	2.82	2.71	27
28	4.15 B	3.70 B	37.5	4.86	2.49	0.815	0.526	0.759	0.702	1.22	2.81	2.85	28
29	3.78 B	3.60 B	35.1	5.56	2.29	0.778	0.484	0.795	0.673	1.29	2.51	4.53	29
30	3.80 B		35.1	8.20	2.12	0.788	0.428	0.782	0.880	1.26	2.37	4.51	30
31	4.20 B		35.0		1.91		0.428	0.712		1.23		4.16	31
TOTAL	132.52	173.45	295.86	509.11	112.01	31.282	13.949	17.141	20.589	32.087	64.387	79.71	TOTAL
MEAN	4.27	5.98	9.57	17.0	3.61	1.04	0.418	0.553	0.885	1.04	2.15	2.57	MEAN
MAX	6.20	11.0	38.1	37.7	6.28	1.78	0.717	1.05	0.880	1.29	2.98	4.53	MAX
MIN	3.30	3.00	2.70	4.35	1.91	0.788	0.318	0.327	0.613	0.885	0.927	1.92	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 4.05
MAXIMUM DAILY, 38.1 ON MAR 27
MINIMUM DAILY, 0.219 ON JUL 10
MAXIMUM INSTANTANEOUS,
40.9 AT 20:08 EST ON MAR 27

SUMMARY FOR THE YEAR 1988

TYPE OF GAUGE - RECORDING
LOCATION - LAT 44 32 21 N
LONG 77 22 15 W
DRAINAGE AREA, 401 km²

B - ICE CONDITIONS

REGULATED

MONTHLY TOTAL DISCHARGE
IN CUBIC DECAMETRES

JAN	11 400	JUL	1 120
FEB	15 000	AUG	1 480
MAR	25 500	SEP	1 780
APR	44 000	OCT	2 770
MAY	9 680	NOV	5 560
JUN	2 700	DEC	6 890

TOTAL DISCHARGE, 125 000 dam³

BLACK RIVER NEAR MARATHON - STATION NO. 02BB002

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1988

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	10.4 B	6.05 B	2.79 B	5.95 B	128	31.8	15.9	2.55	14.1	16.4	15.8	25.28	1
2	10.3 B	5.65 B	2.78 B	6.50 B	144	38.0	14.6	2.47	13.4	16.0	16.7	23.88	2
3	10.1 B	5.10 B	2.77 B	7.80 B	153	42.1	13.1	2.44	13.9	15.7	17.3	21.48	3
4	10.0 B	4.40 B	2.75 B	10.0 B	157	40.6	11.9	2.58	14.3	20.5	17.0	19.48	4
5	9.90 B	3.65	2.77 B	14.4	157	37.1	10.8	5.81	14.0	22.9	16.4	18.18	5
6	9.80 B	4.10 B	2.78 B	21.8	151	33.5	10.1	8.58	12.7	20.9	16.4	18.98	6
7	9.70 B	4.40 B	2.80 B	34.3	141	30.4	9.68	7.73	11.5	19.2	16.3	15.98	7
8	9.60 B	4.80 B	2.82 B	44.4	128	30.0	9.14	6.78	10.3	17.5	22.1	15.38	8
9	9.50 B	4.85 B	2.85 B	53.0	112	30.0	8.49	5.94	9.36	16.2	24.0	14.88	9
10	9.35 B	4.95 B	2.88 B	61.5	105	28.0	7.84	4.84	8.90	15.9	26.4	14.38	10
11	9.25 B	4.80 B	2.90 B	68.2	95.5	25.8	7.37	4.09	7.89	16.6	28.9	14.08	11
12	9.15 B	4.50 B	2.92 B	77.6	89.7	23.5	6.82	3.86	7.18	16.4	27.0	13.88	12
13	9.05 B	4.40 B	2.85 B	83.3	104	21.6	6.86	4.93	7.02	15.8	26.4	13.78	13
14	9.00 B	4.30 B	2.90 B	118	122	20.0	6.86	10.4	8.86	15.5	25.9	13.48	14
15	8.90 B	4.15 B	3.03 B	133	120	18.9	6.78	14.0	8.98	15.0	25.3	13.38	15
16	8.80 B	4.05 B	3.05 B	117	109	18.2	8.38	12.3	7.05	14.5	53.2	13.18	16
17	8.75 B	3.90 B	3.05 B	114	94.8	17.1	8.13	10.7	6.91	17.3	101	13.08	17
18	8.85 B	3.78 B	3.12 B	101	81.8	16.3	8.01	9.08	6.81	20.9	86.1	12.88	18
19	8.58 B	3.68 B	3.18 B	86.4	71.3	16.0	8.33	7.67	7.14	21.2	84.2	12.88	19
20	8.40 B	3.55 B	3.28 B	78.6	62.5	15.9	4.84	6.43	10.9	20.8	77.7	12.78	20
21	8.25 B	3.45 B	3.34 B	88.7	55.9	15.2	4.73	5.36	14.1	20.1	70.1	12.58	21
22	8.10 B	3.34 B	3.43 B	81.2	50.8	14.5	4.45	4.89	14.5	21.8	63.1	12.38	22
23	8.00 B	3.22 B	3.54 B	58.6	46.1	13.7	3.73	4.29	15.8	22.8	57.6	12.28	23
24	7.85 B	3.12 B	3.65 B	60.1	41.2	13.5	3.36	4.32	16.5	23.3	52.6	12.08	24
25	7.70 B	3.08 B	3.82 B	84.7	37.7	13.6	3.31	4.89	15.7	22.9	48.3	11.98	25
26	7.55 B	3.00 B	4.00 B	88.7	35.2	17.6	3.15	5.58	15.1	22.3	45.6	11.88	26
27	7.40 B	2.94 B	4.20 B	89.8	34.3	18.6	2.83	7.38	16.6	21.4	44.0	11.78	27
28	7.20 B	2.88 B	4.48 B	78.6	35.4	18.3	2.81	12.2	18.1	21.6	34.38	11.68	28
29	6.95 B	2.83 B	4.75 B	81.3	35.4	17.8	2.93	13.0	18.1	22.0	31.28	11.58	29
30	6.70 B		5.05 B	107	33.6	17.0	2.88	15.0	18.1	21.1	28.18	11.48	30
31	6.45 B		5.50 B		31.8		2.85	14.5		20.1		11.38	31
TOTAL	259.31	116.04	104.21	1 957.55	2 762.2	696.5	211.40	224.06	352.37	584.1	1 217.2	447.1	TOTAL
MEAN	8.69	4.00	3.38	65.3	89.1	23.2	6.82	7.23	11.7	19.2	40.6	14.4	MEAN
MAX	10.4	6.05	5.50	133	157	42.1	15.9	15.0	18.5	23.3	101	25.2	MAX
MIN	6.45	2.83	2.75	5.95	31.8	13.5	2.81	2.44	6.81	14.5	18.4	11.3	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 24.5
MAXIMUM DAILY, 157 ON MAY 4
MINIMUM DAILY, 2.44 ON AUG 3
MAXIMUM INSTANTANEOUS,
158 AT 04:43 EST ON MAY 5

SUMMARY FOR THE YEAR 1988

TYPE OF GAUGE - RECORDING
LOCATION - LAT 48 41 20 N
LONG 88 13 45 W
DRAINAGE AREA, 1 980 km²

B - ICE CONDITIONS

NATURAL FLOW

MONTHLY TOTAL DISCHARGE
IN CUBIC DECAMETRES

JAN	23 300	JUL	18 300
FEB	10 000	AUG	19 400
MAR	9 000	SEP	30 400
APR	169 000	OCT	51 300
MAY	239 000	NOV	105 000
JUN	60 200	DEC	38 600

TOTAL DISCHARGE, 774 000 dam³

BLACK RIVER NEAR WASHAGO - STATION NO. 02EC002

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1988

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	51.0	24.2B	17.6B	107	39.7	11.0	1.88	1.12	1.12	1.17	13.7	24.3	1
2	44.0	24.3B	17.2B	104	37.8	10.1	1.74	1.01	1.02	1.21	13.2	24.3	2
3	42.9	23.1B	16.6B	105	35.0	9.42	1.65	0.884	0.919	1.30	12.7	23.6	3
4	41.0B	23.5B	16.5B	115	31.8	8.74	1.60	0.825	0.888	1.84	12.2	23.0	4
5	37.0B	23.7B	16.1B	129	29.5	8.04	1.42	0.854	1.34	2.15	13.0	21.5	5
6	35.5B	24.0B	15.6B	138	27.5	7.32	1.23	0.884	1.80	2.82	18.4	21.4	6
7	33.0B	22.6B	15.6B	142	25.6	6.71	1.19	1.04	2.66	3.05	25.9	21.1	7
8	31.0B	21.0B	15.4B	146	23.8	6.18	1.09	1.05	2.47	3.78	27.2	20.5	8
9	28.5B	20.4B	15.2B	147	22.2	5.81	1.02	1.07	2.16	3.34	28.9	19.0B	9
10	27.0B	27.9B	15.1B	145	21.0	5.40	0.989	1.25	1.86	3.17	31.7	18.6B	10
11	24.5B	26.3B	15.1B	138 E	20.3	5.00	0.880	1.37	1.63	3.24	39.4	18.1B	11
12	23.0B	25.5B	15.0B	119	19.5	4.87	1.00	1.38	1.38	3.46	40.7	18.0B	12
13	21.0B	24.8B	14.9B	100	18.6	4.38	1.02	1.31	1.18	3.71	40.7	17.8B	13
14	20.2B	24.0B	14.6B	84.4	18.1	4.15	1.06	1.22	1.11	3.61	50.3	16.0B	14
15	19.5B	23.3B	14.2B	72.7	17.8	3.93	1.07	1.11	0.988	3.31	64.1	16.3B	15
16	19.0B	24.0B	13.8B	65.5	18.1	3.73	1.09	1.10	0.926	3.05	61.8	16.0B	16
17	18.5B	24.9B	13.2B	59.9	24.0	3.49	1.06	1.14	0.922	2.82	46.8	17.2B	17
18	18.5B	24.1B	12.7B	54.7	27.8	3.32	1.02	1.23	0.909	3.40	45.7	16.1B	18
19	19.0B	23.0B	12.2B	50.9	27.4	3.17	1.01	1.21	0.848	5.72	41.6	15.3B	19
20	23.0B	22.7B	11.8B	47.1	26.8	3.01	0.983	1.16	0.974	7.36	36.3	15.1	20
21	28.0B	23.0B	11.4B	44.3	26.7	2.91	0.916	1.12	1.02	8.50	37.2	15.3	21
22	28.0B	22.8B	11.0B	41.8	27.0	2.90	0.881	1.13	1.26	8.98	35.6	15.4	22
23	25.0B	22.1B	11.0B	39.3	26.1E	3.03	0.834	1.12	1.51	8.66	33.4	15.6B	23
24	22.5B	21.5B	11.1B	38.0	23.5	3.03	0.843	1.04	1.66	8.97	31.7	15.1	24
25	21.4B	20.6B	10.0	38.7	20.9	3.05	0.935	0.972	1.77	8.56	29.9	15.4	25
26	20.6B	20.3B	25.3	39.2	18.4	2.91	1.07	0.883	1.83	9.11	28.4	15.6	26
27	19.5B	19.5B	55.0	39.4	16.8	2.67	1.30	1.23	1.46	11.4	26.8	15.6B	27
28	18.3B	18.7B	82.5	40.1	15.5	2.55	1.41	1.62	1.36	11.4	26.1	15.7	28
29	17.2B	18.1B	90.3	40.8	14.3	2.38	1.52	1.57	1.29	12.8	25.2	22.5	29
30	16.1B		98.5	40.6	13.3	2.13	1.48	1.40	1.20	15.1	24.2	22.9	30
31	16.8B		106		12.1		1.31	1.22		14.7		22.3	31
TOTAL	808.3	787.8	816.9	2 670.6	727.0	145.14	36.611	35.762	41.351	189.86	948.9	591.3	TOTAL
MEAN	26.1	28.1	26.4	82.4	23.5	4.84	1.18	1.15	1.38	6.47	31.6	19.1	MEAN
MAX	51.0	39.1	106	147	39.7	11.0	1.88	1.62	2.66	15.1	64.1	24.3	MAX
MIN	16.1	18.1	11.0	38.0	12.1	2.13	0.834	0.835	0.909	1.17	12.2	15.1	MIN

SUMMARY FOR THE YEAR 1988

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 20.8
MAXIMUM DAILY, 147 ON APR 9
MINIMUM DAILY, 0.825 ON AUG 4
MAXIMUM INSTANTANEOUS,
147 AT 02:20 EST ON APR 9

TYPE OF GAUGE - RECORDING
LOCATION - LAT 44 42 46 N
LONG 79 18 54 W
DRAINAGE AREA, 1 520 km²

B - ICE CONDITIONS
E - ESTIMATED
NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	69 800	JUL	3 160
FEB	65 500	AUG	3 080
MAR	70 500	SEP	3 570
APR	213 000	OCT	14 700
MAY	62 500	NOV	81 800
JUN	12 600	DEC	51 100

TOTAL DISCHARGE, 652 000 dam³

BLACK STURGEON RIVER AT HIGHWAY NO. 17 - STATION NO. 02AC002

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1988

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	7.05B	5.42B	4.78B	7.28B	25.8	25.7	17.9	18.0E	34.5E	32.0E	34.8	55.5B	1
2	6.95B	5.38B	4.74B	7.55B	27.0	25.1	18.6	19.0E	34.9E	31.6E	33.4	55.5B	2
3	6.90B	5.38B	4.73B	7.90B	27.2	24.3	18.0	20.5E	35.2E	31.7E	32.5	55.0B	3
4	6.80B	5.33B	4.72B	8.40B	27.1	23.7	18.4	23.9E	35.0E	32.0E	32.2	54.0B	4
5	6.75B	5.30B	4.71B	8.90B	26.9	23.0	18.1	26.2E	34.0E	32.6E	33.0	52.5B	5
6	6.65B	5.27B	4.70B	9.75B	26.2	22.4	15.8	26.7E	32.5E	33.8E	34.7	48.5B	6
7	6.60B	5.23B	4.68B	10.6 B	25.3	21.8	16.1	31.0E	31.0E	34.9E	37.2	47.0B	7
8	6.55B	5.20B	4.68B	11.6 B	24.4	20.8	17.7	33.5E	29.5E	38.0E	37.2	45.0B	8
9	6.50B	5.17B	4.67B	12.7 B	25.5	19.8	18.1	32.5E	28.0E	34.8E	36.8	43.0B	9
10	6.45B	5.13B	4.66B	13.9 B	28.0	18.1	17.8	31.0E	27.0E	34.0E	36.7	41.0B	10
11	6.38B	5.10B	4.65B	15.5 B	30.7	16.2	17.1	29.5E	25.8E	33.2E	36.6	38.0B	11
12	6.30B	5.06B	4.64B	17.3 B	31.3	17.4	16.4	27.8E	24.7E	32.8E	36.4	37.5B	12
13	6.25B	5.06B	4.63B	19.2 B	32.4	17.3	15.8	27.0E	23.4E	32.0E	37.2	36.0B	13
14	6.20B	5.04B	4.62B	20.5 B	33.5	17.5E	15.3	30.2E	22.5E	31.3E	37.3	34.5B	14
15	6.15B	5.02B	4.61B	20.0	33.1	20.5E	15.2E	34.8E	21.7E	30.7E	37.0	33.2B	15
16	6.10B	5.00B	4.60B	18.5	34.5	20.3E	15.8E	38.5E	20.8E	30.5E	53.4	31.8B	16
17	6.05B	4.98B	4.60B	19.0	34.4	18.5	16.7E	44.5E	20.2E	34.0E	70.2	30.8B	17
18	6.00B	4.95B	4.60B	18.4	33.2	18.8	17.3E	44.0E	20.1E	36.0E	68.8	29.5B	18
19	5.95B	4.94B	4.59B	17.7	31.8	18.8	17.9E	40.5E	22.2E	42.0E	64.8	28.5B	19
20	5.90B	4.92B	4.59B	16.8	31.3	19.1	17.8E	37.0E	25.4E	42.5E	62.0	27.7B	20
21	5.85B	4.90B	4.58B	15.3	31.4	18.2	17.5E	34.0E	30.0E	41.0	58.7	26.8B	21
22	5.80B	4.88B	4.58B	15.2	31.5	17.9	17.1E	32.0E	34.0E	38.3	55.5	26.0B	22
23	5.75B	4.86B	4.58B	16.2	31.3	17.5	16.5E	33.0E	36.5E	37.7	55.5	25.2B	23
24	5.72B	4.84B	4.80B	16.8	30.8	17.0	15.9E	35.0E	36.0E	38.4	53.4	24.8B	24
25	5.68B	4.82B	5.45B	17.9	29.2	20.4	15.4E	38.0E	35.0E	40.2	54.2	23.9B	25
26	5.84B	4.81B	5.80B	18.9	28.2	24.7	14.8E	40.0E	34.4E	38.6	55.1	23.3B	26
27	5.80B	4.80B	6.10B	20.1	26.1	23.8	14.7E	41.5E	33.8E	37.7	56.7	22.8B	27
28	5.58B	4.79B	6.35B	21.1	27.6	22.2	14.6E	41.0E	33.2E	38.7	64.1	22.2B	28
29	5.53B	4.78B	6.55B	22.4	28.9	20.5	15.1E	39.5E	32.8E	40.2	64.5	21.8B	29
30	5.49B		6.75B	24.1	28.8	19.0	15.2E	37.5E	32.5E	37.2	55.0B	21.3B	30
31	5.46B		6.95B		28.2		17.1E	36.0E		38.8		21.0B	31
TOTAL	190.54	146.38	155.78	471.45	908.5	613.8	505.8	1 020.5	885.7	1 105.5	1 404.8	1 085.2	TOTAL
MEAN	6.15	5.05	5.03	15.7	29.3	20.5	16.3	33.1	29.5	35.7	45.5	35.0	MEAN
MAX	7.05	5.42	6.95	24.1	34.5	25.7	18.1	44.5	36.5	42.5	70.2	55.5	MAX
MIN	5.46	4.78	4.58	7.28	24.4	17.0	14.6	18.0	20.1	30.5	32.2	21.0	MIN

SUMMARY FOR THE YEAR 1988

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 23.2
MAXIMUM DAILY, 70.2 ON NOV 17
MINIMUM DAILY, 4.58B ON MAR 31
MAXIMUM INSTANTANEOUS,
71.0 AT 12:34 EST ON NOV 17

TYPE OF GAUGE - RECORDING
LOCATION - LAT 46 54 13 N
LONG 84 22 36 W
DRAINAGE AREA, 3 980 km²

B - ICE CONDITIONS
E - ESTIMATED
REGULATED

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	18 800	JUL	43 800
FEB	13 800	AUG	66 700
MAR	13 800	SEP	78 800
APR	40 700	OCT	95 800
MAY	78 800	NOV	121 000
JUN	53 000	DEC	83 800

TOTAL DISCHARGE, 734 000 dam³

BLACKWATER RIVER AT BEARDMORE - STATION NO. 02AD010

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1988

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	1.859	1.24 B	0.9258	1.058	19.5	8.07	5.15	1.53	9.23	18.0	12.5	9.508	1
2	1.828	1.23 B	0.9208	1.088	23.5	7.58	5.01	1.86	10.3	16.8	11.7	9.008	2
3	1.798	1.21 B	0.9158	1.148	28.1	7.08	5.68	1.97	11.0	15.4	10.9	8.508	3
4	1.768	1.20 B	0.9108	1.238	33.0	6.63	5.32	2.20	12.1	14.8	10.4	7.858	4
5	1.738	1.18 B	0.9058	1.398	36.7	6.28	5.00	2.84	13.2	14.0	10.1	7.508	5
6	1.718	1.17 B	0.9008	1.628	37.1	5.88	4.74	3.31	13.8	13.4	10.3	7.108	6
7	1.888	1.15 B	0.8958	1.898	37.3	5.48	4.84	4.05	14.0	13.3	10.1	6.708	7
8	1.668	1.14 B	0.8908	2.22	36.4	5.01	4.86	4.82	13.7	13.2	9.80	6.358	8
9	1.648	1.12 B	0.8858	2.84	35.1	4.61	4.53	5.63	13.1	12.9	9.46	6.008	9
10	1.628	1.11 B	0.8808	3.22	33.4	4.30	4.32	6.14	12.3	13.0	9.43	5.758	10
11	1.598	1.09 B	0.8758	3.85	31.6	3.98	4.00	6.42	12.5	12.5	9.38	5.458	11
12	1.578	1.08 B	0.8728	5.00	30.4	3.78	3.72	6.37	14.5	12.1	9.21	5.208	12
13	1.568	1.07 B	0.8688	6.62	28.7	3.67	3.52	6.26	16.1	11.8	9.05	4.958	13
14	1.548	1.06 B	0.8648	8.46	26.7	3.74	3.43	6.37	20.1	11.6	8.89	4.758	14
15	1.518	1.05 B	0.8608	11.1	25.2	3.80	3.38	6.56	23.8	11.4	8.87	4.588	15
16	1.498	1.04 B	0.8568	14.6	27.6	3.70	3.17	6.95	25.1	11.4	9.16	4.358	16
17	1.478	1.03 B	0.8528	18.8	28.4	3.55	3.00	6.13	24.9	13.1	9.73	4.208	17
18	1.468	1.02 B	0.8588	17.6	25.1	3.60	2.92	9.18	23.6	14.3	10.2	4.058	18
19	1.448	1.01 B	0.8538	17.3	23.8	3.78	2.80	9.48	22.3	14.3	11.0	3.928	19
20	1.438	1.00 B	0.8528	17.0	21.6	3.84	2.62	9.28	21.8	19.4	12.1	3.808	20
21	1.418	0.9958	0.8518	16.3	18.8	3.87	2.62	8.85	21.6	21.8	13.0	3.678	21
22	1.398	0.9858	0.8508	15.5	17.9	3.98	2.50	7.87	21.8	22.7	13.6	3.568	22
23	1.388	0.9758	0.8508	14.7	16.3	3.87	2.35	7.38	22.7	22.8	13.5	3.468	23
24	1.368	0.9658	0.8558	14.0	14.7	3.98	2.18	6.83	23.3	21.6	13.3	3.378	24
25	1.348	0.8908	0.8808	13.6	13.4	4.62	1.98	6.61	23.4	20.3	13.2	3.288	25
26	1.338	0.9638	0.9258	13.3	12.4	4.98	1.89	6.55	22.7	19.1	12.6	3.188	26
27	1.318	0.9488	0.8908	13.5	11.3	5.10	1.78	6.48	22.0	17.6	12.4 B	3.128	27
28	1.308	0.9388	0.8858	13.8	10.5	5.45	1.67	6.71	21.1	16.3	11.8 B	3.088	28
29	1.288	0.9338	1.00 B	14.7	9.71	5.85	1.84	7.21	19.9	15.1	11.0 B	2.888	29
30	1.278		1.02 B	16.5	9.12	5.20	1.84	7.89	18.9	14.1	10.4 B	2.828	30
31	1.288		1.03 B		8.55		1.57	8.36		13.3		2.878	31
TOTAL	48.98	30.843	27.845	281.80	735.48	146.29	105.85	189.62	544.83	483.1	327.18	185.14	TOTAL
MEAN	1.51	1.08	0.898	9.38	23.7	4.88	3.40	6.12	18.2	15.8	10.8	5.00	MEAN
MAX	1.88	1.24	1.03	17.8	37.3	8.07	5.15	9.48	25.1	22.7	13.6	9.80	MAX
MIN	1.28	0.932	0.850	1.08	8.55	3.58	1.57	1.53	9.23	11.4	8.87	2.87	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 8.40
MAXIMUM DAILY, 37.3 ON MAY 7
MINIMUM DAILY, 0.8508 ON MAR 22
MAXIMUM INSTANTANEOUS,
37.5 AT 23:22 EST ON MAY 6

SUMMARY FOR THE YEAR 1988

TYPE OF GAUGE - RECORDING
LOCATION - LAT 48 36 10 N
LONG 87 57 50 W
DRAINAGE AREA, 850 km²

B - ICE CONDITIONS

NATURAL FLOW

MONTHLY TOTAL DISCHARGE
IN CUBIC DECAMETRES

JAN	4 060	JUL	9 120
FEB	2 580	AUG	15 600
MAR	2 410	SEP	47 100
APR	24 300	OCT	41 700
MAY	63 500	NOV	28 300
JUN	12 600	DEC	13 400

TOTAL DISCHARGE, 258 000 dam³

BLANCHE RIVER ABOVE ENGLEHART - STATION NO. 02JC006

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1988

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	11.1 B	6.568	5.228	16.08	134	35.6	10.8	4.34	19.5	16.3	36.0	48.5	1
2	10.9 B	6.608	5.208	16.08	133	34.0	10.8	4.21	18.5	26.3	34.6	44.3	2
3	10.7 B	6.608	5.188	20.58	132	32.3	10.7	4.46	17.6	26.1	32.7	42.4	3
4	10.4 B	6.558	5.178	27.08	128	30.5	11.0	5.19	16.7	23.8	31.8	37.6	4
5	10.2 B	6.488	5.088	80.08	124	28.6	10.8	6.31	16.2	21.7	36.8	36.58	5
6	8.908	6.358	5.058	88.2	118	28.3	10.5	7.44	15.7	20.6	88.2	33.58	6
7	8.808	6.258	5.158	163	110	26.7	10.2	7.82	15.3	19.7	87.3	31.58	7
8	8.408	6.208	5.258	149	102	22.5	9.74	7.68	14.8	18.7	80.6	30.08	8
9	8.208	6.158	5.358	124	84.3	21.6	9.61	7.49	14.3	17.8	88.5	28.58	9
10	8.108	6.108	5.458	123	83.7	20.1	9.18	7.84	13.6	17.8	86.7	27.08	10
11	8.008	6.008	5.608	123	86.7	18.8	8.83	7.33	12.8	16.6	88.8	25.78	11
12	8.888	5.958	5.708	117	88.1	17.6	8.19	7.25	12.5	20.0	85.4	24.58	12
13	8.808	5.908	5.758	130	92.0	16.6	7.70	7.86	12.5	20.8	82.4	23.58	13
14	8.408	5.858	5.808	168	89.7	16.1	7.63	10.8	12.1	20.3	81.8	22.58	14
15	8.308	5.808	5.808	162	88.5	15.8	7.47	23.8	11.4	19.8	83.0	21.68	15
16	8.208	5.778	5.888	138	84.4	14.4	7.28	30.5	11.2	19.8	87.5	20.88	16
17	8.208	5.758	5.808	127	78.0	13.7	7.08	34.1	11.1	19.6	78.1	20.08	17
18	8.108	5.678	5.508	126	71.7	13.0	6.87	34.7	11.2	45.2	68.4	19.08	18
19	8.058	5.628	5.308	116	68.1	12.8	6.81	33.2	11.0	83.6	59.8	18.08	19
20	7.908	5.808	5.208	108	81.2	12.0	6.86	30.7	11.2	45.7	56.0	17.28	20
21	7.808	5.558	5.178	98.7	88.6	11.2	6.28	27.8	11.8	41.6	51.4	16.48	21
22	7.808	5.508	5.188	96.6	87.1	11.1	6.02	26.0	11.8	39.8	47.5	15.88	22
23	7.508	5.458	5.208	86.5	82.2	10.7	5.70	23.2	12.6	37.8	44.9	15.38	23
24	7.308	5.438	5.258	93.2	48.0	10.2	5.48	21.6	13.6	36.1	42.7	15.08	24
25	7.108	5.408	5.508	104	44.6	11.1	5.24	21.1	13.6	35.6	40.0	14.88	25
26	6.808	5.358	6.008	113	41.8	11.5	5.20	22.7	14.0	38.4	38.2	14.38	26
27	6.708	5.308	6.408	118	38.6	10.8	5.18	22.6	15.7	38.2	47.3	14.08	27
28	6.508	5.278	7.408	118	36.4	10.7	4.98	22.8	17.0	38.7	89.3	13.68	28
29	6.308	5.258	8.008	122	37.7	10.8	4.87	21.8	17.1	42.6	81.8	13.28	29
30	6.458		8.408	133	38.8	10.8	4.70	21.0	16.8	38.4	80.0	12.88	30
31	6.508		11.8 B		36.7		4.42	20.8		37.0		12.88	31
TOTAL	280.78	170.22	183.02	3 188.6	2 474.8	538.4	238.32	531.38	423.1	814.8	1 846.1	726.7	TOTAL
MEAN	9.41	5.67	5.90	103	79.8	17.9	7.82	17.1	14.1	28.5	61.5	23.4	MEAN
MAX	11.1	6.80	11.8	168	134	35.8	11.0	34.7	19.8	83.6	78.1	48.8	MAX
MIN	6.30	5.25	5.05	16.0	36.7	10.3	4.42	4.21	11.0	17.8	31.8	12.8	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 30.8
MAXIMUM DAILY, 168 ON APR 14
MINIMUM DAILY, 4.21 ON AUG 3
MAXIMUM INSTANTANEOUS,
169 AT 19:16 EST ON APR 14

SUMMARY FOR THE YEAR 1988

TYPE OF GAUGE - RECORDING
LOCATION - LAT 47 53 31 N
LONG 79 52 48 W
DRAINAGE AREA, 1 780 km²

B - ICE CONDITIONS

NATURAL FLOW

MONTHLY TOTAL DISCHARGE
IN CUBIC DECAMETRES

JAN	22 500	JUL	20 400
FEB	14 700	AUG	45 900
MAR	15 800	SEP	38 600
APR	275 000	OCT	78 000
MAY	214 000	NOV	134 000
JUN	46 300	DEC	62 800

TOTAL DISCHARGE, 967 000 dam³

BLOOMFIELD CREEK AT BLOOMFIELD - STATION NO. 02HE001

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1988

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	0.153	0.2348	0.152	0.348	0.159	0.048	0.019	0.007	0.007	0	0.002	0.094	1
2	0.138	0.1208	0.129	0.333	0.147	0.048	0.020	0.010	0.002	0.008	0.001	0.098	2
3	0.133	0.109	0.122	0.438	0.132	0.045	0.012	0.018	0.011	0.004	0	0.101	3
4	0.134	0.107	0.118	0.783	0.125	0.038	0.011	0.015	0.008	0.001	0	0.092	4
5	0.134	0.114	0.109	0.539	0.114	0.039	0.012	0.009	0.007	0.003	0.006	0.088	5
6	0.114	0.105	0.125	0.419	0.105	0.039	0.015	0.014	0.001	0.002	0.031	0.084	6
7	0.098	0.103	0.312	0.351	0.104	0.040	0.013	0.014	0.004	0	0.045	0.101	7
8	0.092	0.104	0.380	0.322	0.098	0.038	0.009	0.015	0.018	0	0.081	0.097	8
9	0.090	0.107	0.871	0.283	0.098	0.040	0.008	0.013	0.010	0	0.049	0.088	9
10	0.083	0.089	0.820	0.258	0.095	0.034	0.008	0.008	0.008	0	0.041	0.078	10
11	0.083	0.089	0.4538	0.237	0.095	0.038	0.014	0.001	0.002	0	0.037	0.075	11
12	0.089	0.084	0.2840	0.228	0.085	0.030	0.017	0.001	0.004	0	0.037	0.027	12
13	0.111	0.088	0.2498	0.201	0.089	0.025	0.018	0.001	0.001	0	0.081	0.025	13
14	0.080	0.095	0.231	0.208	0.097	0.022	0.014	0	0.003	0	0.084	0.040	14
15	0.088	0.111	0.207	0.214	0.094	0.020	0.012	0.001	0.008	0	0.084	0.059	15
16	0.088	0.121	0.218	0.207	0.088	0.018	0.010	0.003	0.003	0	0.088	0.044	16
17	0.081	0.103	0.232	0.195	0.091	0.018	0.041	0.002	0.001	0	0.057	0.053	17
18	0.162	0.103	0.234	0.184	0.088	0.019	0.030	0.002	0.007	0	0.053	0.048	18
19	0.120	0.112	0.1778	0.170	0.094	0.018	0.030	0.001	0.001	0	0.047	0.052	19
20	0.293	0.150	0.1208	0.172	0.138	0.018	0.018	0.008	0	0	0.094	0.074	20
21	0.2108	0.1398	0.0748	0.184	0.121	0.014	0.017	0.011	0	0	0.142	0.115	21
22	0.1078	0.138	0.0678	0.158	0.092	0.028	0.018	0.004	0	0.033	0.118	0.087	22
23	0.100	0.488	0.177	0.148	0.078	0.027	0.012	0	0.005	0.024	0.103	0.081	23
24	0.108	0.3518	0.308	0.144	0.087	0.028	0.022	0.007	0	0.014	0.102	0.108	24
25	0.1118	0.3048	0.451	0.148	0.083	0.027	0.018	0.005	0	0.027	0.098	0.152	25
26	0.0938	0.261	1.33	0.148	0.082	0.028	0.018	0.007	0	0.047	0.101	0.120	26
27	0.093	0.218	1.27	0.143	0.087	0.025	0.018	0.005	0	0.036	0.100	0.118	27
28	0.082	0.197	0.711	0.173	0.087	0.023	0.014	0.005	0	0.045	0.111	0.282	28
29	0.080	0.178	0.581	0.184	0.048	0.025	0.011	0.003	0	0.032	0.108	0.174	29
30	0.105		0.482	0.180	0.047	0.022	0.010	0.011	0	0.011	0.102	0.187	30
31	0.180		0.387		0.048		0.007	0.018		0		0.148	31
TOTAL	3.575	4.553	11.336	7.889	2.891	0.877	0.487	0.211	0.105	0.285	1.859	2.954	TOTAL
MEAN	0.115	0.157	0.366	0.255	0.093	0.029	0.016	0.007	0.004	0.009	0.062	0.095	MEAN
MAX	0.293	0.488	1.33	0.783	0.159	0.048	0.041	0.018	0.018	0.047	0.142	0.282	MAX
MIN	0.080	0.085	0.074	0.143	0.048	0.014	0.008	0	0	0	0	0.025	MIN

SUMMARY FOR THE YEAR 1988

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 0.101
MAXIMUM DAILY, 1.33 ON MAR 26
MINIMUM DAILY, 0 ON AUG 14
MAXIMUM INSTANTANEOUS,
1.53 AT 02:37 EST ON MAR 27

TYPE OF GAUGE - RECORDING
LOCATION - LAT 43 59 26 N
LONG 77 13 08 W
DRAINAGE AREA, 13.8 km²

B - ICE CONDITIONS

NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	308	JUL	42.1
FEB	283	AUG	18.3
MAR	980	SEP	9.07
APR	683	OCT	24.7
MAY	250	NOV	181
JUN	75.8	DEC	255

TOTAL DISCHARGE, 3 190 dam³

BLUE JAY CREEK NEAR TENKUMMAH - STATION NO. 02CE003

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1988

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	0.507	3.34	0.420	1.81	0.582	0.448	0.412	0.384	0.408	0.407	0.830	0.870	1
2	0.488	1.42	0.427	1.88	0.550	0.434	0.408	0.388	0.408	0.483	0.817	0.740	2
3	0.484	1.03	0.413	2.84	0.552	0.444	0.412	0.412	0.408	0.483	0.727	0.680	3
4	0.480	0.857	0.407	2.45	0.541	0.443	0.408	0.418	0.410	0.477	0.710	0.819	4
5	0.488	0.742	0.417	1.99	0.518	0.438	0.413	0.438	0.405	0.489	2.29	0.874	5
6	0.481	0.849	0.417	2.09	0.505	0.435	0.413	0.429	0.401	0.454	2.81	0.590	6
7	0.452	0.880	0.426	2.40	0.501	0.484	0.411	0.418	0.389	0.434	1.55	0.535	7
8	0.445	0.829	0.439	1.58	0.493	0.462	0.418	0.424	0.388	0.420	1.08	0.517	8
9	0.438	0.804	0.836	1.19	0.500	0.445	0.413	0.418	0.388	0.433	0.883	0.511	9
10	0.438	0.491	0.863	0.987	0.519	0.442	0.418	0.409	0.400	0.464	1.43	0.499	10
11	0.435	0.475	0.895	0.889	0.495	0.437	0.416	0.415	0.400	0.508	1.27	0.495E	11
12	0.430	0.470	0.847	0.765	0.494	0.438	0.422	0.434	0.404	0.488	0.982	0.489E	12
13	0.418	0.459	0.821	0.717	0.540	0.436	0.422	0.419	0.388	0.435	1.82	0.483E	13
14	0.430	0.447	0.892	0.721	0.552	0.432	0.432	0.412	0.388	0.425	1.26	0.478E	14
15	0.427	0.457	0.883	0.886	0.534	0.441	0.433	0.409	0.388	0.416	0.948	0.475E	15
16	0.434	0.450	0.878	0.847	0.524	0.431	0.408	0.401	0.386	0.431	0.817	0.470E	16
17	0.438	0.442	0.867	0.839	0.508	0.428	0.389	0.440	0.384	0.488	0.728	0.468E	17
18	0.488	0.448	0.862	0.838	0.503	0.428	0.429	0.425	0.385	1.07	0.858	0.468E	18
19	0.524	0.434	0.851	0.818	0.493	0.430	0.418	0.425	0.417	1.38	0.818	0.480E	19
20	0.544	0.438	0.842	0.598	0.487	0.421	0.416	0.422	0.419	0.878	0.852	1.18 E	20
21	0.582	0.480	0.828	0.868	0.482	0.424	0.422	0.420	0.408	0.748	0.828	0.840E	21
22	0.563	0.442	0.828	0.582	0.478	0.426	0.413	0.424	0.408	0.881	0.803	0.720E	22
23	0.527	0.431	0.854	0.587	0.472	0.423	0.403	0.414	0.428	0.781	0.581	0.680E	23
24	0.503	0.433	0.819	0.785	0.477	0.422	0.400	0.415	0.402	0.835	0.580	0.620E	24
25	0.483	0.428	1.42	0.708	0.482	0.417	0.398	0.418	0.401	0.802	0.858	0.585E	25
26	0.472	0.420	1.88	0.857	0.487	0.413	0.408	0.428	0.405	0.730	0.580	0.580E	26
27	0.469	0.423	1.42	0.815	0.485	0.413	0.407	0.420	0.393	0.702	0.784	0.640E	27
28	0.483	0.423	1.03	0.813	0.459	0.414	0.417	0.420	0.388	1.17	0.767	0.620E	28
29	0.469	0.418	1.31	0.894	0.457	0.414	0.430	0.419	0.387	0.881	0.713	0.605E	29
30	0.502		2.50	0.579	0.458	0.414	0.418	0.427	0.394	0.809	0.970	0.495E	30
31	2.32 E		1.98		0.469		0.403	0.424		0.718		0.490E	31
TOTAL	16.880	17.822	33.774	32.188	15.482	12.847	12.827	13.003	12.080	20.841	28.147	18.084	TOTAL
MEAN	0.534	0.604	0.735	1.07	0.500	0.433	0.414	0.419	0.403	0.878	0.872	0.583	MEAN
MAX	2.32	2.34	2.50	2.84	0.582	0.484	0.433	0.440	0.428	1.87	2.81	1.15	MAX
MIN	0.418	0.418	0.407	0.582	0.449	0.413	0.398	0.384	0.385	0.407	0.580	0.480	MIN

SUMMARY FOR THE YEAR 1988

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 0.611
MAXIMUM DAILY, 2.84 ON APR 3
MINIMUM DAILY, 0.385 ON SEP 18
MAXIMUM INSTANTANEOUS,
4.05 AT 22:08 EST ON NOV 5

TYPE OF GAUGE - RECORDING
LOCATION - LAT 45 39 05 N
LONG 81 59 15 W
DRAINAGE AREA, 17.9 km²

E - ESTIMATED
NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	1 630	JUL	1 110
FEB	1 510	AUG	1 120
MAR	1 870	SEP	1 040
APR	2 780	OCT	1 810
MAY	1 340	NOV	2 520
JUN	1 120	DEC	1 580

TOTAL DISCHARGE, 18 300 dam³

BLUE SPRINGS CREEK NEAR EDEN MILLS - STATION NO. 02GA031

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1988

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	0.457	1.17	0.315	0.951	0.602	0.345	0.159	0.612	0.149	0.141	0.211	0.309	1
2	0.433E	1.21	0.312	0.861	0.645	0.350	0.149	0.383	0.145	0.188	0.203	0.280	2
3	0.409E	0.888	0.340	0.830	0.518	0.326	0.137	0.270	0.182	0.285	0.200	0.264	3
4	0.380E	0.511	0.309	1.20	0.518	0.313	0.145	0.220	0.283	0.227	0.189	0.270	4
5	0.324E	0.388	0.324	1.37	0.511	0.294	0.147	0.204	0.480	0.210	0.207	0.255	5
6	0.301E	0.380	0.323	1.17	0.488	0.281	0.186	0.210	0.418	0.183	0.337	0.258	6
7	0.280E	0.310	0.327	1.01	0.438	0.280	0.148	0.207	0.256	0.155	0.388	0.264	7
8	0.263E	0.288	0.358	0.898	0.441	0.324	0.158	0.180	0.213	0.148	0.320	0.263	8
9	0.246E	0.293	0.550	0.809	0.427	0.307	0.158	0.201	0.181	0.137	0.391	0.236	9
10	0.247E	0.295	0.784	0.748	0.504	0.281	0.141	0.189	0.179	0.145	0.468	0.212	10
11	0.234A	0.270	0.867	0.700	0.483	0.258	0.181	0.205	0.171	0.184	0.884	0.210	11
12	0.230	0.278	0.873	0.643	0.458	0.242	0.171	0.228	0.182	0.188	0.483	0.190	12
13	0.232	0.290	0.783	0.613	0.428	0.228	0.184	0.219	0.156	0.178	0.614	0.179	13
14	0.232	0.276	0.686	0.614	0.414	0.217	0.148	0.213	0.151	0.185	0.721	0.185	14
15	0.208	0.323	0.588	0.661	0.485	0.213	0.133	0.201	0.137	0.184	0.625	0.194	15
16	0.208	0.412	0.582	0.629	0.858	0.208	0.180	0.188	0.134	0.148	0.492	0.183	16
17	0.218	0.416	0.511	0.595	0.695	0.211	0.220	0.178	0.188	0.184	0.460	0.182	17
18	0.383	0.357	0.495	0.614	0.881	0.214	0.218	0.211	0.218	0.285	0.388	0.181	18
19	0.498	0.334	0.482	0.623	0.812	0.208	0.178	0.180	0.188	0.313	0.317	0.185	19
20	0.587	0.383	0.438	0.575	0.835	0.205	0.181	0.182	0.177	0.257	0.338	0.213	20
21	0.885	0.347	0.388	0.503	0.895	0.198	0.158	0.185	0.184	0.233	0.823	0.240	21
22	0.849	0.382	0.334	0.509	0.787	0.200	0.214	0.148	0.174	0.248	0.828	0.232	22
23	0.508	0.404	0.487	0.584	0.712	0.205	0.210	0.183	0.172	0.242	0.518	0.241	23
24	0.407	0.394	1.13	0.528	0.618	0.188	0.285	0.151	0.179	0.251	0.422	0.290	24
25	0.336	0.389	1.48	0.571	0.584	0.182	0.339	0.183	0.178	0.238	0.327	0.275	25
26	0.283	0.351	1.82 A	0.533	0.507	0.186	0.318	0.185	0.189	0.242	0.325	0.287	26
27	0.244	0.353	2.38 A	0.528	0.454	0.175	0.288	0.174	0.182	0.253	0.339	0.283	27
28	0.237	0.353	1.80	0.555	0.444	0.189	0.236	0.158	0.182	0.231	0.341	0.625	28
29	0.212	0.366	1.18	0.587	0.432	0.158	0.181	0.186	0.161	0.248	0.334	0.640	29
30	0.213		1.07	0.813	0.387	0.184	0.227	0.159	0.144	0.238	0.317	0.598	30
31	0.824		1.08		0.385		0.623	0.181		0.218		0.882	31
TOTAL	10.833	12.185	23.487	22.057	18.851	7.118	5.284	5.454	5.758	6.448	11.811	8.824	TOTAL
MEAN	0.349	0.419	0.758	0.735	0.544	0.237	0.202	0.208	0.192	0.208	0.397	0.285	MEAN
MAX	0.886	1.21	2.38	1.37	0.858	0.350	0.623	0.612	0.480	0.313	0.721	0.640	MAX
MIN	0.208	0.270	0.309	0.529	0.355	0.154	0.133	0.149	0.134	0.137	0.188	0.178	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 0.376
MAXIMUM DAILY, 2.38A ON MAR 27
MINIMUM DAILY, 0.133 ON JUL 15
MAXIMUM INSTANTANEOUS,
2.57 AT 13:30 EST ON MAR 27

SUMMARY FOR THE YEAR 1988

TYPE OF GAUGE - RECORDING
LOCATION - LAT 43 34 35 N
LONG 80 06 35 W
DRAINAGE AREA, 44.5 km²
A - MANUAL GAUGE

E - ESTIMATED
REGULATED

MONTHLY TOTAL DISCHARGE
IN CUBIC DECAMETRES

JAN	938	JUL	541
FEB 1	050	AUG	588
MAR 2	030	SEP	498
APR 1	910	OCT	557
MAY 1	480	NOV 1	030
JUN	815	DEC	782

TOTAL DISCHARGE, 11 900 dam³

BLYTH BROOK BELOW BLYTH - STATION NO. 02FE014

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1988

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	0.710	8.58	0.5188	2.08	0.488	0.144	0.036	0.048	0.018	0.088	1.80	1.78	1
2	0.886	3.10 B	0.4828	1.78	0.450	0.148	0.027	0.038	0.012	0.217	1.28	1.58	2
3	0.575	2.16 B	0.4718	2.05	0.410	0.128	0.026	0.028	0.048	0.285	1.05	1.48	3
4	0.487	1.88 B	0.4608	2.24	0.387	0.121	0.027	0.018	0.113	0.201	0.934	1.48	4
5	0.383	1.33 B	0.4388	1.80	0.348	0.116	0.026	0.018	0.498	0.175	1.38	1.18	5
6	0.3818	1.08 B	0.4188	1.52	0.321	0.100	0.021	0.048	0.178	0.137	2.31	1.07	6
7	0.3228	0.9258	0.5888	1.33	0.314	0.084	0.023	0.040	0.077	0.128	1.87	1.04	7
8	0.3088	0.7448	0.9038	1.18	0.271	0.090	0.018	0.028	0.058	0.115	1.81	0.888	8
9	0.3018	0.6588	4.58	1.01	0.387	0.095	0.013	0.031	0.050	0.102	2.27	0.8848	9
10	0.3008	0.5888	5.47	0.879	0.508	0.087	0.013	0.050	0.048	0.247	9.83	0.6358	10
11	0.2888	0.4808	4.88	0.789	0.384	0.080	0.014	0.048	0.045	2.00	6.13	0.4388	11
12	0.2648	0.4788	3.83	0.708	0.332	0.075	0.013	0.038	0.038	1.28	4.37	0.4028	12
13	0.2738	0.4528	3.52	0.651	0.334	0.082	0.010	0.030	0.040	1.14	9.45	0.4438	13
14	0.2708	0.4348	2.55	0.760	0.310	0.088	0.013	0.038	0.037	0.732	8.80	0.4018	14
15	0.2818	0.6808	1.84 B	0.705	0.303	0.081	0.010	0.044	0.028	0.475	3.34	0.3888	15
16	0.2718	1.18 B	1.83	0.589	1.08	0.080	0.018	0.034	0.030	0.345	2.51	0.3878	16
17	0.2488	1.31 B	1.41	0.576	1.05	0.075	0.037	0.028	0.096	0.288	2.08	0.3588	17
18	1.88 B	1.14 B	1.34	0.618	0.808	0.088	0.030	0.023	0.083	1.08	1.83	0.3428	18
19	1.83 B	1.04 B	1.23	0.582	0.448	0.080	0.021	0.022	0.068	1.08	1.30	0.3518	19
20	2.83 B	0.9308	1.12 B	0.733	0.418	0.053	0.018	0.020	0.071	0.847	1.38	2.30 B	20
21	3.05 B	0.8258	0.9778	0.678	0.740	0.054	0.018	0.021	0.081	0.488	2.30	8.78	21
22	2.00 B	0.7028	1.00 B	0.757	0.573	0.080	0.014	0.013	0.053	0.525	1.82	3.18	22
23	1.48	0.7348	3.22	0.987	0.438	0.088	0.047	0.008	0.131	0.512	1.44	3.78	23
24	1.12	0.8018	8.71	1.18	0.335	0.054	0.038	0.018	0.133	1.84	1.24	3.87	24
25	0.8188	0.7858	12.8	0.897	0.272	0.048	0.028	0.025	0.078	7.82	1.08	2.48	25
26	0.7648	0.7388	11.5	0.752	0.243	0.058	0.024	0.047	0.053	8.04	0.888	1.78	26
27	0.6508	0.7018	8.58	0.748	0.215	0.044	0.021	0.042	0.088	8.44	1.08	2.08	27
28	0.5188	0.6588	5.18	0.838	0.197	0.038	0.014	0.028	0.071	7.58	1.08	8.20	28
29	0.3898	0.6188	4.07	0.821	0.178	0.039	0.018	0.021	0.081	4.09	1.08	3.03	29
30	1.36 B		4.34	0.671	0.183	0.044	0.022	0.020	0.055	2.47	1.28	1.88 B	30
31	8.72 B		2.84		0.138		0.033	0.018		1.78		1.40 B	31
TOTAL	31.747	35.395	98.805	31.188	12.840	2.358	0.884	0.825	2.383	54.884	78.042	54.088	TOTAL
MEAN	1.02	1.22	3.19	1.04	0.408	0.079	0.022	0.030	0.079	1.77	2.60	1.75	MEAN
MAX	8.72	8.58	12.8	2.24	1.08	0.148	0.047	0.050	0.498	8.84	9.83	8.78	MAX
MIN	0.281	0.434	0.418	0.571	0.138	0.038	0.010	0.008	0.012	0.088	0.888	0.342	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 1.10
MAXIMUM DAILY, 12.8 ON MAR 25
MINIMUM DAILY, 0.008 ON AUG 23
MAXIMUM INSTANTANEOUS,
21.2 AT 10:14 EST ON MAR 25

SUMMARY FOR THE YEAR 1988

TYPE OF GAUGE - RECORDING
LOCATION - LAT 43 45 38 N
LONG 81 27 48 W
DRAINAGE AREA, 77.7 km²

B - ICE CONDITIONS

NATURAL FLOW

MONTHLY TOTAL DISCHARGE
IN CUBIC DECAMETRES

JAN 2	740	JUL	59.1
FEB 3	080	AUG	78.9
MAR 8	540	SEP	206
APR 2	880	OCT 4	740
MAY 1	090	NOV 8	740
JUN	204	DEC 4	870

TOTAL DISCHARGE, 34 800 dam³

BOB CREEK NEAR MINDEN - STATION NO. 02HF004

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1988

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	0.1878	0.7308	0.0978	3.80 E	0.284	0.015	0	0	0	0	0.383	0.2098	1
2	0.1678	0.6308	0.0838	4.10 E	0.222	0.012	0	0	0	0 E	0.361	0.181	2
3	0.1788	0.5858	0.0698	4.30 E	0.180	0.010	0	0	0	0.003E	0.328	0.164	3
4	0.1738	0.4608	0.0688	3.88 E	0.145	0.012	0	0	0	0.005E	0.362	0.175	4
5	0.1688	0.3738	0.0648	3.32 E	0.111	0.008	0	0	0.002	0.037E	0.412	0.188	5
6	0.1598	0.2858	0.0958	2.88 E	0.087	0.005	0	0	0.004	0.043E	0.810E	0.1818	6
7	0.1548	0.2488	0.1448	2.48 E	0.072	0.005	0	0	0	0.040E	1.27	0.1858	7
8	0.1488	0.2178	0.1898	2.11	0.057	0.005	0	0	0	0.038E	0.880	0.1708	8
9	0.1448	0.1918	0.2808	1.80	0.055	0.005	0	0	0	0.038E	0.657	0.1288	9
10	0.1378	0.1788	0.3688	1.08	0.070	0.008	0	0	0	0.055E	0.848	0.1118	10
11	0.1338	0.1678	0.3008	0.788	0.088	0.008	0	0	0	0.084E	0.850	0.0958	11
12	0.1288	0.1588	0.2518	0.587	0.088	0.008	0	0	0	0.074E	0.714	0.0888	12
13	0.1268	0.1588	0.2228	0.408	0.087	0.005	0	0	0	0.068E	0.795	0.0828	13
14	0.1238	0.1548	0.1988	0.401	0.070	0.004	0	0	0	0.062E	1.28	0.086	14
15	0.1198	0.2298	0.1778	0.572	0.073	0.003	0	0	0	0.088E	1.18	0.1068	15
16	0.1188	0.2028	0.1608	0.548	0.218	0.002	0	0	0	0.090E	0.748	0.1038	16
17	0.1288	0.1848	0.1438	0.428	0.451	0.002	0	0	0	0.077E	0.588	0.0868	17
18	0.1408	0.1688	0.1328	0.381	0.489	0.002	0	0	0	0.068E	0.468	0.0888	18
19	0.1508	0.1608	0.1228	0.327	0.318	0.002	0	0	0	0.088	0.358	0.0828	19
20	0.1518	0.1788	0.1148	0.283	0.289	0.004	0	0	0	0.215	0.327	0.0878	20
21	0.1688	0.1848	0.1068	0.259	0.315	0.002	0	0	0	0.203	0.341	0.1318	21
22	0.1728	0.1528	0.1028	0.224	0.298	0.003	0	0	0	0.182	0.329	0.1178	22
23	0.1718	0.1438	0.1078	0.185	0.220	0.002	0	0	0	0.156	0.283	0.1238	23
24	0.1628	0.1348	0.1188	0.345	0.151	0.002	0	0	0	0.175	0.2708	0.1458	24
25	0.1478	0.1288	0.1638	0.451	0.094	0.004	0	0	0	0.210E	0.252	0.1248	25
26	0.1388	0.1188	0.820E	0.455	0.070	0.003	0	0	0	0.358E	0.235	0. 118	26
27	0.1288	0.1128	0.858E	0.483	0.051	0.001	0	0	0	0.466E	0.241	0.1248	27
28	0.1208	0.1058	1.08 E	0.444	0.035	0	0	0	0	0.645E	0.248	0.1438	28
29	0.1138	0.1018	1.24 E	0.411	0.033	0	0	0	0	0.705	0.234	0.1348	29
30	0.1108		1.44 E	0.359	0.025	0	0	0	0	0.706	0.223	0.1258	30
31	0.2508		2.34 E		0.020		0	0		0.532		0.1208	31
TOTAL	4.651	7.148	11.815	37.377	4.732	0.143	0	0	0.006	5.489	18.111	3.856	TOTAL
MEAN	0.150	0.246	0.381	1.25	0.153	0.005	0	0	0	0.177	0.537	0.124	MEAN
MAX	0.260	0.630	2.34	4.30	0.489	0.015	0	0	0.004	0.706	1.28	0.308	MAX
MIN	0.110	0.101	0.084	0.185	0.020	0	0	0	0	0	0.223	0.082	MIN

SUMMARY FOR THE YEAR 1988

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 0.250
MAXIMUM DAILY, 4.30E ON APR 3
MINIMUM DAILY, 0 ON JUN 28

TYPE OF GAUGE - RECORDING
LOCATION - LAT 44 58 07 N
LONG 78 48 07 W
DRAINAGE AREA, 31.8 km²

B - ICE CONDITIONS
E - ESTIMATED
NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	402	JUL	0
FEB	617	AUG	0
MAR	1 020	SEP	0.52
APR	3 230	OCT	475
MAY	409	NOV	1 580
JUN	12.4	DEC	342

TOTAL DISCHARGE, 7 900 dam³

BONNECHERE RIVER NEAR CASTLEFORD - STATION NO. 02KC008

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1988

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	12.4	49.58	12.68	43.88	58.8	16.8	4.32	3.23	3.73	1.69	5.18	7.61	1
2	12.3	19.18	12.58	43.0	55.3	12.8	4.52	3.64	3.86	2.37	5.04	8.33	2
3	10.3	16.28	12.38	47.3	52.7	11.0	3.88	3.00	2.77	4.36	4.68	8.41	3
4	11.1	15.88	12.58	53.2	50.7	10.3	3.84	2.44	2.80	4.21	4.34	8.16	4
5	10.9 B	15.18	12.68	53.6	49.5	8.48	3.13	3.79	3.20	4.83	4.73	8.03	5
6	8.008	15.08	12.78	49.0	48.2	8.37	2.21	5.02	3.95	4.80	5.41	10.1	6
7	8.418	14.98	13.18	46.5	46.3	8.98	2.31	4.09	3.81	4.22	6.88	10.4	7
8	9.418	14.88	13.38	46.5	44.8	7.80	3.71	1.40	3.69	4.10	6.24	8.62	8
9	8.418	14.78	13.48	44.4	43.7	8.78	3.18	2.63	3.73	4.05	5.88	8.41	9
10	8.658	14.78	13.88	42.2	43.3	8.77	2.84	3.76	2.87	3.76	6.18	8.62	10
11	9.328	14.78	13.68	40.7	43.7	4.33	2.82	3.62	2.63	5.89	6.80	7.18	11
12	8.908	14.68	13.58	38.6	42.1	2.21	3.19	3.86	3.47	3.88	6.42	8.02	12
13	9.288	14.68	13.58	38.5	40.8	4.96	1.38	2.68	2.83	3.48	5.48	7.96	13
14	8.288	14.68	13.68	38.9	40.3	2.32	1.83	3.81	2.87	3.87	7.08	8.58	14
15	7.858	14.68	13.78	41.1	38.7	3.01	2.43	4.08	1.84	4.11	6.78	8.24	15
16	9.418	14.58	13.88	43.8	37.5	1.44	2.10	4.28	3.70	2.65	6.78	8.12	16
17	9.888	14.48	14.08	44.8	41.2	1.67	2.25	4.21	2.33	4.56	7.34	7.84	17
18	11.0 B	14.38	14.08	44.8	40.1	4.13	2.33	3.69	1.78	2.38	6.88	7.63	18
19	11.3 B	14.18	13.78	42.0	39.1	3.43	2.75	2.78	1.81	4.01	6.78	8.12	19
20	11.8 B	14.08	13.38	41.2	34.5	3.78	3.11	2.89	2.07	4.65	7.34	9.23	20
21	11.9 B	13.98	13.28	40.3	35.7	3.04	3.03	3.10	2.89	4.33	8.51	9.52	21
22	12.0 B	13.78	13.08	38.6	33.3	3.05	3.84	4.40	3.27	4.13	7.28	8.80	22
23	12.0 B	13.68	13.78	38.7	29.6	3.45	2.98	4.47	3.15	4.60	7.28	8.69	23
24	11.9 B	13.38	14.08	41.0	28.6	5.08	2.33	3.85	2.84	6.09	7.48	9.13	24
25	11.7 B	13.18	32.38	44.8	24.7	4.18	1.84	4.07	2.78	5.82	7.18	9.28	25
26	11.4 B	13.18	85.08	44.0	24.8	8.11	6.14	4.22	3.28	6.12	7.12	9.18	26
27	10.9 B	13.08	77.18	44.8	24.1	5.78	3.32	3.48	2.77	5.03	7.38	9.08	27
28	10.7 B	13.08	48.48	44.1	23.9	4.61	4.87	3.67	2.48	5.23	8.38	8.92	28
29	10.2 B	13.08	43.48	80.5	23.0	3.80	4.02	3.81	3.32	4.33	8.03	8.84	29
30	10.6 B		44.08	68.0	17.7	4.58	3.32	3.84	2.81	4.47	7.78	8.87	30
31	15.7 B		46.48		16.8		2.86	3.53		6.20		9.07	31
TOTAL	326.68	453.8	710.1	1 348.2	1 186.6	172.10	96.86	111.73	89.01	133.61	199.82	272.61	TOTAL
MEAN	10.5	15.8	22.9	44.9	37.8	5.74	3.13	3.60	2.87	4.31	6.88	8.79	MEAN
MAX	15.7	49.5	85.0	80.0	58.8	16.8	6.14	5.02	3.86	6.20	8.51	10.4	MAX
MIN	7.85	13.0	12.3	38.5	17.7	1.44	1.36	1.40	1.78	1.69	4.34	7.18	MIN

SUMMARY FOR THE YEAR 1988

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 13.8
MAXIMUM DAILY, 85.08 ON MAR 26
MINIMUM DAILY, 1.36 ON JUL 13

TYPE OF GAUGE - RECORDING
LOCATION - LAT 45 25 48 N
LONG 76 33 50 W
DRAINAGE AREA, 2 380 km²

B - ICE CONDITIONS

REGULATED

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	28 100	JUL	8 370
FEB	39 200	AUG	9 650
MAR	81 400	SEP	7 890
APR	116 000	OCT	11 500
MAY	101 000	NOV	17 300
JUN	14 900	DEC	23 500

TOTAL DISCHARGE, 439 000 dam³

BOWMANVILLE CREEK AT BOWMANVILLE - STATION NO. 02HD008

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1988

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	0.900B	3.37 B	0.782B	1.72	1.28	0.843	0.573	0.801	0.881	0.710	0.840	0.933	1
2	0.850B	0.888B	1.17 B	1.74	1.20	0.835	0.583	0.580	0.878	0.907	0.870E	0.847	2
3	0.800B	0.900B	1.20 B	3.01	1.03	0.822	0.534	0.578	0.720	1.04	0.805	0.885	3
4	0.780B	0.880B	1.13 B	4.04	1.01	0.882	0.578	0.562	1.65	0.883	0.809	0.7848	4
5	0.730B	0.840B	1.38 B	2.50	0.886	0.855	0.547	0.537	1.36	0.982	1.31 E	0.822	5
6	0.700B	0.830B	1.67 B	2.14	0.850	0.825	0.538	0.502	0.884	0.819	2.20 E	0.956	6
7	0.885B	0.820B	3.03 B	1.88	0.850	0.830	0.494	0.582	0.888	0.771	1.52 E	0.877	7
8	0.888B	0.810B	5.73 B	1.80	0.826	0.815	0.511	0.538	0.871	0.837	1.88 E	0.8418	8
9	0.885B	0.805B	5.91 B	1.51	0.853	0.833	0.581	0.528	0.729	0.742	1.98 E	0.8038	9
10	0.840B	0.800B	5.06 B	1.36	0.945	0.877	0.487	0.512	0.648	1.05	1.80 E	0.8508	10
11	0.828B	0.788B	7.12 B	1.33	0.898	0.888	0.886	0.584	0.618	1.22	1.35 E	0.8058	11
12	0.818B	0.783B	3.50 B	1.28	0.817	0.887	0.841	0.508	0.878	0.837	1.27 E	0.7708	12
13	0.810B	0.780B	2.24 B	1.23	0.824	0.887	0.497	0.585	0.744	0.813	2.10 E	0.7458	13
14	0.808B	1.80 B	1.73 B	1.84	0.855	0.837	0.568	0.595	0.885	0.788	1.82 E	0.7228	14
15	0.808B	2.87 B	1.04 B	2.77	0.793	0.832	0.841	0.726	0.881	0.778	1.41	0.7058	15
16	0.803B	5.84 B	1.10 B	1.82	1.38	0.864	0.805	0.617	0.872	0.854	1.30	0.8828	16
17	3.00 B	2.88 B	1.80 B	1.40	1.10	0.824	0.498	0.877	0.780	0.828	1.38	0.8618	17
18	8.81 B	1.78 B	1.72 B	1.87	1.06	0.882	0.496	0.887	0.721	1.88 E	1.15	0.8708	18
19	4.88 B	1.82 B	0.9008	1.28	1.10	0.814	0.504	0.881	0.707	1.14	1.07	0.8858	19
20	7.60 B	4.87 B	0.8858	1.28	1.31	0.810	0.511	0.880	0.880	0.820	1.20	0.8898	20
21	5.84 B	4.81 B	0.8808	1.80	1.24	0.843	0.867	0.848	0.802	0.849	1.88	0.8528	21
22	1.88 B	3.32 B	0.8808	1.27	1.00	2.20 E	0.883	0.807	0.740	1.87 E	1.34	0.8508	22
23	0.8508	4.62 B	2.74 B	1.18	0.928	2.35 E	0.886	0.813	1.33	1.28 E	1.23	1.00 B	23
24	0.8008	5.11 B	8.88 B	1.11	0.811	0.855	0.521	0.880	0.898	1.84 E	1.18	1.80 B	24
25	0.7708	2.78 B	5.68 B	1.15	0.895	0.736	0.886	1.02	0.701	1.38 E	1.12	1.35 B	25
26	0.7558	1.80 B	8.06 B	1.11	0.822	0.882	0.803	0.898	0.884	1.05	1.12	0.8808	26
27	0.7508	1.40 B	2.88 B	1.21	0.738	0.882	0.814	0.805	0.880	0.880	1.10	2.00 B	27
28	0.8308	1.10 B	1.88 B	1.41	0.746	0.823	0.833	0.781	0.858	1.08 E	1.00	8.20 B	28
29	1.44 B	1.18 B	1.87 B	1.88	0.854	0.886	0.828	0.777	0.830	0.815E	1.00	1.70 B	29
30	2.81 B		2.45 B	1.73	0.867	0.894	0.804	0.862	0.898	0.835	1.00	1.42 B	30
31	8.18 B		1.82		0.871		0.832	0.859		0.830		1.32 B	31
TOTAL	85.528	80.472	93.027	51.21	29.223	22.001	17.148	19.892	23.868	30.678	40.013	35.014	TOTAL
MEAN	1.78	2.88	2.87	1.71	0.943	0.733	0.553	0.845	0.789	0.890	1.33	1.13	MEAN
MAX	7.60	5.84	8.05	4.04	1.28	2.35	0.833	1.02	1.65	2.20	2.20	8.20	MAX
MIN	0.803	0.780	0.850	1.11	0.884	0.814	0.487	0.502	0.618	0.710	0.805	0.850	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 1.30
MAXIMUM DAILY, 8.058 ON MAR 10
MINIMUM DAILY, 0.487 ON JUL 10

REMARKS - REGULATION BY SMALL MILLS

SUMMARY FOR THE YEAR 1988

TYPE OF GAUGE - RECORDING
LOCATION - LAT 43 55 18 N
LONG 78 42 08 W
DRAINAGE AREA, 82.8 km²

B - ICE CONDITIONS
E - ESTIMATED
REGULATED

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	4 800	JUL	1 480
FEB	5 220	AUG	1 730
MAR	7 850	SEP	2 070
APR	4 420	OCT	2 850
MAY	2 520	NOV	3 480
JUN	1 800	DEC	3 030

TOTAL DISCHARGE, 41 200 dam³

BRIGHTSAND RIVER AT MOBERLEY - STATION NO. 04EB005

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1988

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	5.14	3.83	3.48	4.23	8.77	14.5 E	8.35E	12.9	40.3	22.8	12.7E	10.1 E	1
2	5.06	3.81	3.48	4.26	8.88	15.1 E	8.00E	13.1	40.3	21.8	12.5E	10.1 E	2
3	5.10	3.78	3.48	4.31	9.10	15.0 E	7.75E	13.5	40.1	21.4	12.4E	10.0 E	3
4	4.86	3.74	3.46	4.40	8.21	14.8 E	7.60E	13.8	39.6	21.0	12.3E	10.0 E	4
5	4.80	3.71	3.44	4.80	8.21	14.2 E	7.57E	14.4	39.1	20.7	12.2E	9.88E	5
6	4.81	3.88	3.82	4.83	8.41	13.4 E	7.52E	18.5	38.5	20.2	12.1E	9.80E	6
7	4.78	3.85	3.84	4.78	8.83	12.8 E	8.08	21.5	37.3	19.7	12.0E	9.85E	7
8	4.88	3.85	3.80	4.82	9.38	11.8 E	8.87	23.7	36.8	19.1	11.8E	9.80E	8
9	4.82	3.84	3.74	5.05	8.89	11.4 E	10.2	25.4	33.7	18.0	11.7E	9.75E	9
10	4.87	3.86	3.76	5.13	12.8	11.2 E	11.0	26.2	31.8	17.9	11.6E	9.70E	10
11	4.88	3.80	3.78	5.31	15.3	11.1 E	11.8	25.7	30.7	17.5	11.5E	9.65E	11
12	4.86	3.48	3.70	5.63	17.1	11.0 E	12.4	25.3	31.0	17.3	11.4E	9.80E	12
13	4.81	3.43	3.67	5.88	18.1	11.0 E	12.8	24.8	31.0	17.0	11.3E	9.58E	13
14	4.44	3.46	3.86	6.24	19.2	11.8 E	13.4	25.7	30.5	16.4	11.3E	9.54E	14
15	4.38	3.48	3.70	6.46	19.9	12.3 E	14.0	34.4	30.4	16.0	11.2E	9.48E	15
16	4.39	3.49	3.74	6.71	20.1	12.6 E	14.3	39.2	29.8	15.3	11.1E	9.45E	16
17	4.32	3.50	3.76	6.93	20.4	12.2 E	14.6	42.2	29.4	15.1	11.0E	9.40E	17
18	4.25	3.52	3.81	7.23	20.1	11.8 E	14.8	43.4	28.8	15.0E	11.0E	9.37E	18
19	4.24	3.54	3.74	7.58	18.7	11.4 E	14.4	43.3	29.0	14.8E	10.9E	9.35E	19
20	4.15	3.52	3.73	7.88	18.0	11.3 E	14.1	42.8	29.2	14.8E	10.8E	9.30E	20
21	4.13	3.50	3.76	7.77	18.5	11.2 E	13.8	41.2	29.2	14.4E	10.7E	9.26E	21
22	4.13	3.56	3.81	7.88	18.0	11.0 E	13.5	39.8	29.1	14.2E	10.7E	9.25E	22
23	4.08	3.54	3.81	7.81	17.3	10.3 E	13.1	41.1	28.4	14.0E	10.6E	9.21E	23
24	4.01	3.49	3.83	8.00	16.7	9.90E	12.3	41.7	27.8	13.8E	10.5E	9.19E	24
25	4.01	3.46	4.03	8.01	16.3	9.60E	11.9	42.4	27.0	13.7E	10.4E	9.17E	25
26	3.97	3.47	4.08	8.08	15.4	9.95E	11.8	42.8	26.4	13.8E	10.4E	9.15E	26
27	3.94	3.48	4.10	8.16	14.8	9.65E	11.0	43.0	25.8	13.4E	10.3E	9.10E	27
28	3.89	3.48	4.17	8.31	14.3	9.40E	10.8	42.9	26.2	13.2E	10.3E	9.08E	28
29	3.86	3.46	4.23	8.41	13.9	9.85E	10.7	42.4	24.5	13.0E	10.2E	9.02E	29
30	3.84		4.26	8.56	13.6 E	8.75L	12.0	41.9	23.9	12.9E	10.2E	9.01E	30
31	3.85		4.23		13.7 E		12.8	41.0		12.8E		9.00E	31
TOTAL	136.36	103.39	117.28	192.98	457.86	349.10	384.72	990.4	943.3	511.8	337.1	294.33	TOTAL
MEAN	4.40	3.57	3.78	6.43	14.8	11.6	11.4	31.8	31.4	16.5	11.2	9.48	MEAN
MAX	5.14	3.83	4.26	8.56	20.4	15.1	14.8	42.4	40.3	22.8	12.7	10.1	MAX
MIN	3.84	3.43	3.44	4.23	8.77	8.75	7.52	12.8	23.9	12.8	10.2	9.00	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 13.1
MAXIMUM DAILY, 43.4 ON AUG 18
MINIMUM DAILY, 3.43 ON FEB 13
MAXIMUM INSTANTANEOUS,
43.8 AT 21:32 EST ON AUG 18

SUMMARY FOR THE YEAR 1988

TYPE OF GAUGE - RECORDING
LOCATION - LAT 49 37 25 N
LONG 80 34 19 W
DRAINAGE AREA, 1 170 km²

E - ESTIMATED
NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	11 800	JUL	30 600
FEB	8 830	AUG	85 500
MAR	10 100	SEP	81 500
APR	18 700	OCT	44 200
MAY	38 800	NOV	29 100
JUN	30 200	DEC	25 400

TOTAL DISCHARGE, 414 000 dam³

BURNLEY CREEK ABOVE WARKWORTH - STATION NO. 02HK009

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1988

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	0.4858	3.80	0.3428	1.38	0.835	0.342	0.302	0.180	0.233	0 335	0.515	0.843	1
2	0.4608	1.33	0.4228	1.32	0.695	0.337	0.276	0.162	0.203	0.502	0.488	0.844	2
3	0.4208	0.7858	0.4778	2.03	0.625	0.384	0.278	0.160	0.194	0.884	0.481	0.524	3
4	0.3678	0.6288	0.4388	3.43	0.571	0.426	0.218	0.149	0.305	0.552	0.481	0.4788	4
5	0.3528	0.5328	0.3968	1.94	0.534	0.355	0.187	0.148	0.388	0.808	0.520	0.4308	5
6	0.3428	0.4858	0.4478	1.26	0.517	0.318	0.173	0.191	0.348	0.552	1.44	0.488	6
7	0.3238	0.4108	0.5108	1.26	0.503	0.288	0.173	0.193	0.288	0.458	1.20	0.516	7
8	0.3108	0.3728	0.5108	1.23	0.472	0.300	0.183	0.184	0.258	0.411	0.913	0.4308	8
9	0.2998	0.3628	0.7608	1.03	0.488	0.280	0.148	0.137	0.248	0.373	0.884	0.3888	9
10	0.2908	0.3248	1.42 B	0.823	0.700	0.269	0.148	0.138	0.249	0.407	0.822	0.3538	10
11	0.2828	0.3088	1.80 B	0.742	0.605	0.265	0.144	0.128	0.218	0.730	0.815	0.3248	11
12	0.2928	0.2928	1.57 B	0.728	0.511	0.250	0.178	0.142	0.214	0.625	0.680	0.3038	12
13	0.3348	0.2798	1.08 B	0.728	0.517	0.237	0.173	0.138	0.261	0.515	1.00	0.2898	13
14	0.3168	0.2688	0.8118	0.811	0.560	0.221	0.164	0.148	0.287	0.441	1.83	0.3068	14
15	0.2988	0.3408	0.6808	0.884	0.489	0.216	0.134	0.181	0.238	0.420	0.948	0.3348	15
16	0.3508	0.3848	0.6308	0.784	0.632	0.210	0.132	0.165	0.234	0.433	0.882	0.3098	16
17	0.4378	0.3758	0.5788	0.695	0.600	0.183	0.183	0.163	0.305	0.434	0.674	0.2878	17
18	0.8008	0.3588	0.5488	0.727	0.781	0.207	0.216	0.181	0.378	0.677	0.632	0.2638	18
19	1.42 B	0.3488	0.5188	0.695	0.672	0.188	0.210	0.162	0.317	0.724	0.596	0.2748	19
20	2.54 B	0.3428	0.4908	0.854	1.28	0.204	0.190	0.140	0.352	0.880	0.858	0.3688	20
21	3.80 B	0.3008	0.4688	0.678	1.24	0.224	0.187	0.137	0.378	0.812	1.26	0.5728	21
22	1.80 B	0.4408	0.4248	0.848	0.781	0.313	0.184	0.137	0.324	1.03	1.02	0.4878	22
23	0.7808	0.4888	1.32 B	0.698	0.800	0.800	0.177	0.148	0.843	1.13	0.731	0.4888	23
24	0.4858	0.4728	3.05 B	0.842	0.818	0.373	0.210	0.280	0.658	0.981	0.621	0.5288	24
25	0.4108	0.4408	8.00 B	0.852	0.474	0.372	0.308	0.288	0.418	1.01	0.804	0.5008	25
26	0.3848	0.4068	15.2	0.857	0.808	0.380	0.338	0.302	0.328	0.832	0.587	0.4608	26
27	0.3258	0.3808	7.35	0.718	0.484	0.307	0.388	0.304	0.312	0.855	0.575	0.4478	27
28	0.3138	0.3718	1.73	0.838	0.407	0.278	0.308	0.334	0.412	0.828	0.807	1.21 B	28
29	0.2948	0.3568	1.43	1.08	0.380	0.305	0.260	0.414	0.388	0.877	0.588	1.70 B	29
30	0.8258		2.12	1.21	0.358	0.295	0.228	0.334	0.352	0.802	0.555	1.05 B	30
31	4.25 B		1.90		0.347		0.208	0.273		0.832		0.8508	31
TOTAL	24.253	15.788	63.825	31.059	18.848	8.845	6.804	6.088	8.881	18.042	23.208	15.888	TOTAL
MEAN	0.782	0.544	2.05	1.04	0.608	0.295	0.213	0.196	0.320	0.614	0.774	0.512	MEAN
MAX	4.25	3.80	15.2	3.43	1.28	0.800	0.388	0.414	0.843	1.13	1.83	1.70	MAX
MIN	0.262	0.266	0.342	0.588	0.347	0.188	0.132	0.128	0.194	0.338	0.481	0.274	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 0.683
MAXIMUM DAILY, 15.2 ON MAR 26
MINIMUM DAILY, 0.128 ON AUG 11
MAXIMUM INSTANTANEOUS,
21.5 AT 08:24 EST ON MAR 26

SUMMARY FOR THE YEAR 1988

TYPE OF GAUGE - RECORDING
LOCATION - LAT 44 11 45 N
LONG 77 54 42 W
DRAINAGE AREA, 82.3 km²

B - ICE CONDITIONS

REGULATED

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	2 100	JUL	671
FEB	1 380	AUG	526
MAR	5 500	SEP	828
APR	2 680	OCT	1 550
MAY	1 630	NOV	2 010
JUN	784	DEC	1 370

TOTAL DISCHARGE, 21 000 dam³

BURNT RIVER NEAR BURNT RIVER - STATION NO. 02HP003

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1988

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	19.88	17.88	11.5 B	54.58	28.8	12.6	7.78	5.00	5.24	4.16	7.39	18.4	1
2	18.48	26.08	11.4 B	56.58	27.2	12.6	7.42	4.74	5.14	4.02	7.31	16.7	2
3	16.28	22.28	11.2 B	72.4	23.2	11.1	7.08	4.58	5.84	4.40	7.06	17.6 B	3
4	17.18	18.88	10.8 B	101	23.4	9.62	6.74	4.40	5.28	4.82	6.83	16.5 B	4
5	18.48	18.28	10.4 B	118	22.5	9.28	6.63	4.49	10.7	5.04	7.46	15.5 B	5
6	15.88	17.08	10.3 B	120	20.8	8.87	6.33	5.28	10.9	4.94	11.7	15.5	6
7	15.28	15.88	10.2 B	118	17.6	8.20	6.18	5.48	10.3	4.58	14.7	15.8	7
8	14.78	15.18	10.2 B	110	15.3	7.34	6.02	5.68	9.45	4.36	15.0	14.1 B	8
9	14.28	14.68	10.3 B	105	14.2	6.00	6.20	7.08	8.82	4.82	15.0	13.0 B	9
10	13.88	14.08	10.3 B	96.2	14.1	4.15	6.24	7.87	8.47	5.04	15.5	12.2 B	10
11	13.38	13.88	10.4 B	85.3	14.7	3.98	6.25	7.80	7.08	5.27	18.8	11.2 B	11
12	13.18	13.58	10.4 B	88.7	14.4	4.78	6.08	7.00	6.63	5.15	20.2	10.0 B	12
13	13.18	13.48	10.2 B	82.6	12.1	4.82	5.40	6.38	6.22	5.02	21.5	10.5 B	13
14	12.68	13.48	10.0 B	44.3	15.1	4.88	5.48	5.82	5.84	4.98	26.4	10.6 B	14
15	12.38	13.38	9.708	44.6	17.4	5.57	5.46	5.57	5.78	4.88	30.3	11.3 B	15
16	12.18	14.88	9.328	47.7	22.0	5.88	5.81	5.44	5.48	4.48	29.0	11.0 B	16
17	11.88	16.28	9.058	47.1	30.2	6.88	5.41	5.35	5.29	4.47	27.8	10.6 B	17
18	12.88	15.88	8.808	46.5	30.1	7.38	5.17	5.22	5.46	4.90	29.0	10.2 B	18
19	13.78	15.18	8.558	44.4	31.3	7.86	5.81	4.90	5.18	7.71	27.3 B	9.808	19
20	14.88	14.88	8.308	39.4	30.7	7.26	5.68	4.61	5.07	7.36	26.0 B	10.4 B	20
21	15.18	14.08	8.758	31.4	31.8	6.88	5.46	4.81	5.18	6.80	27.0	11.3 B	21
22	14.38	14.78	8.208	23.3	31.7	6.14	5.43	4.88	5.57	6.38	26.2 B	11.0 B	22
23	13.78	15.08	8.208	31.8	29.4	6.32	5.80	4.38	5.15E	6.38	24.6 B	10.8 B	23
24	13.18	14.88	8.508	34.8	28.1	6.06	5.82	4.38	5.80E	6.32	23.8	10.7 B	24
25	12.88	14.38	11.5 B	37.3	26.1	6.18	4.78	5.95E	6.33	23.5	10.6 B	25
26	12.28	13.58	18.0 B	36.4	23.1	6.32	5.78	5.82	5.20E	6.13	22.2	10.3 B	26
27	11.88	13.08	33.0 B	43.0	20.7	6.88	5.84	5.44	4.65E	5.84	21.4	10.0 B	27
28	11.48	12.48	40.0 B	43.8	18.8	6.44	5.84	7.48	4.20E	5.07	20.8	12.2 B	28
29	11.28	12.18	42.5 B	42.6	14.5	6.13	5.82	7.35	4.34	7.02	20.6	13.8 B	29
30	11.18		48.0 B	39.5	11.8	6.12	5.52	7.01	4.46	7.48	20.0	13.4 B	30
31	11.88		52.0 B		10.5		5.29	6.88		7.54		11.9 B	31
TOTAL	431.8	446.7	478.47	1 836.7	671.4	233.80	181.82	175.52	194.11	172.08	587.88	380.30	TOTAL
MEAN	13.9	15.4	15.5	61.2	21.7	7.79	5.18	5.66	6.47	5.56	18.8	12.6	MEAN
MAX	19.8	26.0	52.0	120	31.7	12.6	7.78	7.87	10.8	7.71	30.3	18.4	MAX
MIN	11.1	12.1	8.20	23.3	10.5	3.86	5.29	4.36	4.30	4.02	6.83	8.80	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 15.8
MAXIMUM DAILY, 120 ON APR 6
MINIMUM DAILY, 3.86 ON JUN 11
MAXIMUM INSTANTANEOUS,
121 AT 05:26 EST ON APR 6

SUMMARY FOR THE YEAR 1988

TYPE OF GAUGE - RECORDING
LOCATION - LAT 44 42 03 N
LONG 76 40 40 W
DRAINAGE AREA, 1 270 km²

B - ICE CONDITIONS
E - ESTIMATED
REGULATED

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	37 300	JUL	16 800
FEB	36 800	AUG	15 200
MAR	41 400	SEP	16 800
APR	158 000	OCT	14 800
MAY	58 000	NOV	51 800
JUN	20 200	DEC	33 700

TOTAL DISCHARGE, 503 000 dam³

CANAGAGIGUE CREEK NEAR ELMIRA - STATION NO. 02EA023

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1988

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	1.90 E	4.75	0.5808	2.28	0.770	0.808	0.784	0.434	0.784	0.488	0.405	1.94	1
2	1.85 E	3.10	0.580	1.78	0.727	0.842	0.762	0.380	0.810	0.588	0.408	1.88	2
3	1.80 E	2.70 B	0.571	3.28	0.688	0.850	0.784	0.350	0.457	0.443	0.408	1.84	3
4	1.75 E	1.90 B	0.5808	10.1	0.812	0.888	0.748	0.534	0.508	0.427	0.388	1.85	4
5	1.70 E	1.87 B	0.5808	3.17	0.880	0.885	0.734	0.382	0.428	0.414	0.574	1.90	5
6	1.85 E	1.83 B	0.540	4.58	0.870	0.708	0.712	0.382	0.382	0.414	0.548	1.78	6
7	1.50 E	1.78 B	0.882	2.31	0.838	0.723	0.701	0.334	0.372	0.417	0.510	1.74	7
8	0.780E	1.72 B	1.85	1.81	0.830	0.783	0.683	0.340	0.388	0.381	0.858	1.40	8
9	0.749A	1.88 B	4.58	1.32	0.888	0.788	0.888	0.378	0.370	0.378	0.527	0.852	9
10	0.738	1.83 B	4.58	1.03	0.812	0.808	0.888	0.384	0.388	0.444	1.27	0.9408	10
11	0.788	1.80 B	5.32	0.940	0.878	0.808	0.708	0.384	0.388	0.507	1.02	0.9208	11
12	0.818	1.88 B	4.72	0.842	0.838	0.808	0.848	0.383	0.370	0.418	0.737	0.9008	12
13	0.723	1.81 B	2.81	0.727	0.885	0.822	0.833	0.388	0.487	0.402	1.17	0.8008	13
14	0.848	1.47 B	1.80	0.802	0.827	0.811	0.828	0.388	0.388	0.390	1.15	0.4088	14
15	0.788	1.48 B	1.48	0.774	0.834	0.828	0.888	0.377	0.388	0.373	0.838	0.3188	15
16	0.888	1.81 B	1.08	0.707	0.703	0.885	0.883	0.342	0.387	0.382	0.738	0.3128	16
17	0.888	1.32	1.08	0.875	0.883	0.878	0.888	0.348	0.388	0.371	0.747	0.3108	17
18	2.73	1.48	1.32	0.804	0.872	0.873	0.481	0.332	0.344	0.472	0.804	0.3088	18
19	1.21	1.31	0.998	0.888	0.883	0.844	0.481	0.330	0.387	0.388	0.788	0.3088	19
20	2.52	1.18	0.812	0.788	0.878	0.825	0.877	0.348	0.381	0.388	0.854	0.4208	20
21	1.82	1.03 B	0.8808	0.830	0.888	0.840	0.488	0.323	0.341	0.383	1.38	0.848	21
22	1.73	0.8108	0.888	0.827	0.878	0.888	0.888	0.324	0.342	0.388	1.84	0.843	22
23	1.08	0.825	3.77	0.828	0.884	0.881	0.588	0.355	0.381	0.388	2.24	0.822	23
24	1.02	0.8408	8.88	0.883	0.857	0.828	0.438	0.328	0.338	0.414	2.15	0.781	24
25	0.888	0.8308	5.82	0.788	0.834	0.820	0.404	0.338	0.318	0.431	2.04	0.812	25
26	0.883	0.8208	5.23	0.885	0.838	0.891	0.412	0.323	0.321	0.443	1.88	0.8408	26
27	0.8108	0.811	4.48	0.885	0.840	0.887	0.388	0.332	0.334	0.434	2.00	0.7408	27
28	0.8008	0.8008	3.52	0.782	0.838	0.842	0.387	0.323	0.352	0.488	1.81	1.70 B	28
29	0.8408	0.888	3.27	0.782	0.844	0.828	0.380	0.317	0.333	0.441	1.84	1.00 B	29
30	1.43		3.02	0.813	0.882	0.788	0.871	0.332	0.358	0.424	1.83	0.8808	30
31	3.11		3.32		0.888		0.444	0.324		0.420		0.7408	31
TOTAL	41.282	43.882	78.300	84.882	18.288	24.300	18.218	11.017	12.018	13.238	33.847	30.288	TOTAL
MEAN	1.33	1.51	2.53	1.83	0.580	0.810	0.588	0.385	0.401	0.427	1.13	0.977	MEAN
MAX	3.11	4.75	8.88	10.1	0.770	0.888	0.784	0.534	0.810	0.888	2.24	1.84	MAX
MIN	0.888	0.888	0.840	0.878	0.827	0.808	0.380	0.317	0.318	0.382	0.388	0.308	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 1.04
MAXIMUM DAILY, 10.1 ON APR 4
MINIMUM DAILY, 0.3088 ON DEC 19
MAXIMUM INSTANTANEOUS,
13.0 AT 00:23 EST ON MAR 24

SUMMARY FOR THE YEAR 1988

TYPE OF GAUGE - RECORDING
LOCATION - LAT 43 34 48 N
LONG 80 30 30 W
DRAINAGE AREA, 118 km²
A - MANUAL GAUGE
B - ICE CONDITIONS
E - ESTIMATED
REGULATED SINCE 1975

MONTHLY TOTAL DISCHARGE
IN CUBIC DECAMETRES

JAN	3 570	JUL	1 570
FEB	3 780	AUG	952
MAR	6 770	SEP	1 040
APR	4 740	OCT	1 140
MAY	1 580	NOV	2 820
JUN	2 100	DEC	2 620

TOTAL DISCHARGE, 32 800 dam³

CANARD RIVER NEAR LUKERVILLE - STATION NO. 02GH003

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1988

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	0.888	1.83 B	1.00 B	0.858	0.138	0.018	0.015	0.042	0.018	0.040E	0.121	0.323	1
2	0.5008	0.7808	1.08 B	0.582	0.118	0.027	0.015	0.028	0.018	0.084E	0.088	0.288	2
3	0.4008	0.5008	1.15 B	0.518	0.108	0.018	0.015	0.028	0.018	0.180E	0.082	0.210	3
4	0.3008	0.3808	1.05 B	1.87	0.078	0.018	0.015	0.027	0.021	0.121	0.082	0.181	4
5	0.2508	0.3158	1.02 B	1.42	0.082	0.018	0.017	0.026	0.018	0.084	0.813	0.187	5
6	0.2058	0.2658	1.03 B	1.24	0.051	0.017	0.011	0.018	0.018	0.088	2.82	0.147	6
7	0.1408	0.2358	1.10 B	1.86	0.053	0.017	0.015	0.018	0.017	0.080	3.48	0.138	7
8	0.1058	0.2158	1.48	1.88	0.043	0.018	0.013	0.018	0.017	0.048	2.88	0.121	8
9	0.0858	0.1808	2.15	1.44	0.051	0.020	0.016	0.018	0.017	0.045	2.54	0.088	9
10	0.0728	0.1508	2.14	1.01	0.048	0.019	0.017	0.018	0.018	0.045	2.75	0.082	10
11	0.0608	0.1348	1.88	0.780	0.040	0.018	0.016	0.022	0.018	0.041	2.80	0.085	11
12	0.0558	0.1248	1.83	0.805	0.035	0.018	0.017	0.030	0.026	0.040	2.65	0.0828	12
13	0.0758	0.1158	2.08	0.505	0.032	0.021	0.018	0.032	0.023	0.038	3.81	0.0458	13
14	0.0558	0.1108	1.88	0.448	0.032	0.020	0.015	0.028	0.019	0.035	4.55	0.0388	14
15	0.0388	0.1058	1.42	0.385	0.032	0.019	0.018	0.031	0.018	0.032	4.78	0.0438	15
16	0.0288	0.1508	1.05	0.363	0.034	0.019	0.015	0.025	0.017	0.034	2.42	0.0388	16
17	0.5008	0.2108	0.840	0.314	0.031	0.018	0.038	0.023	0.018	0.052	1.81	0.0388	17
18	3.30 B	0.2808	0.748	0.297	0.028	0.017	0.030	0.025	0.018	0.886	1.84	0.0348	18
19	2.70 B	0.3308	0.723	0.288	0.031	0.018	0.018	0.023	0.020	1.15	1.73	0.084	19
20	3.10 B	0.4408	0.883	0.247	0.033	0.018	0.018	0.020	0.021A	1.82	1.88	0.044	20
21	0.8008	0.7008	0.835	0.241	0.038	0.018	0.017	0.022	0.023E	1.49	5.82	0.041	21
22	0.5308	1.50 B	0.573	0.217	0.034	0.018	0.018	0.021	0.024E	0.837	7.25	0.042	22
23	0.4008	3.00 B	0.534	0.240	0.028	0.018	0.025	0.023	0.275E	0.591	3.56	0.142	23
24	0.3008	1.80 B	1.14	0.208	0.031	0.014	0.040	0.023	0.180E	0.818	1.72	0.288	24
25	0.2508	1.50 B	2.84	0.173	0.028	0.017	0.034	0.022	0.041E	0.728	1.08	0.701	25
26	0.2108	1.20 B	4.18	0.184	0.028	0.016	0.028	0.019	0.038E	0.588	0.801	0.848	26
27	0.1808	1.05 B	2.88	0.158	0.034	0.015	0.018	0.018	0.038E	0.538	0.680	1.17	27
28	0.1108	0.8708	1.84	0.178	0.023	0.018	0.022	0.020	0.034E	0.488	0.555	5.12	28
29	0.0788	0.8408	1.08	0.187	0.020	0.014	0.022	0.018	0.037E	0.353	0.451	5.74	29
30	0.1808		0.878	0.152	0.018	0.016	0.025	0.018	0.038E	0.244	0.374	8.73	30
31	0.7008		0.737		0.017		0.047	0.020		0.182		2.45	31
TOTAL	18.372	18.588	43.220	18.458	1.383	0.538	0.844	0.728	1.081	11.482	88.888	25.871	TOTAL
MEAN	0.528	0.678	1.38	0.615	0.044	0.018	0.031	0.023	0.038	0.370	2.22	0.825	MEAN
MAX	3.30	3.00	4.18	1.88	0.138	0.027	0.047	0.042	0.275	1.82	7.25	8.73	MAX
MIN	0.028	0.105	0.534	0.152	0.017	0.014	0.011	0.018	0.017	0.032	0.082	0.034	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 0.582
MAXIMUM DAILY, 7.25 ON NOV 22
MINIMUM DAILY, 0.011 ON JUL 8
MAXIMUM INSTANTANEOUS,
8.22 AT 07:46 EST ON NOV 22

SUMMARY FOR THE YEAR 1988

TYPE OF GAUGE - RECORDING
LOCATION - LAT 42 08 33 N
LONG 83 01 05 W
DRAINAGE AREA, 159 km²
A - MANUAL GAUGE
B - ICE CONDITIONS
E - ESTIMATED
NATURAL FLOW

MONTHLY TOTAL DISCHARGE
IN CUBIC DECAMETRES

JAN	1 410	JUL	55.6
FEB	1 680	AUG	82.8
MAR	3 730	SEP	84.3
APR	1 880	OCT	882
MAY	118	NOV	5 780
JUN	46.8	DEC	2 210

TOTAL DISCHARGE, 17 800 dam³

CARP RIVER NEAR KINBURN - STATION NO. 02KF011

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1988

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	1.16 B	13.8 B	0.660B	15.1 B	13.2	0.288	0.555	0.386	0.384	0.138	1.98	1.91	1
2	1.11 B	10.1 B	0.610B	13.4	8.56	0.231	0.788	0.278	0.348	0.180	2.37	1.77	2
3	1.06 B	7.20 B	0.570B	13.4	6.47	0.219	0.780	0.244	0.326	0.237	4.18	1.58	3
4	1.00 B	4.48 B	0.540B	18.1	4.72	0.229	0.641	0.291	0.283	0.487	4.88	0.783	4
5	0.970B	2.83 B	0.520B	20.0	3.88	0.208	0.358	0.430	0.285	0.842	4.53	1.52	5
6	0.911B	1.90 B	0.520B	18.0	3.07	0.181	0.308	0.288	0.261	0.848	8.89	1.33	6
7	0.840B	1.20 B	0.560B	14.4	2.58	0.171	0.288	0.268	0.238	0.784	8.14	1.20	7
8	0.780B	1.00 B	0.600B	12.9	2.12	0.140	0.247	0.282	0.234	0.841	8.42	1.12	8
9	0.710B	0.870B	0.700B	14.9	1.72	0.129	0.231	0.238	0.228	0.490	7.84	0.982	9
10	0.660B	0.780B	1.07 B	13.2	1.55	0.118	0.218	0.241	0.224	0.451	8.89	0.808	10
11	0.620B	0.750B	1.40 B	10.3	1.47	0.109	0.181	0.212	0.218	0.443	8.27	0.884	11
12	0.580B	0.720B	1.20 B	7.83	1.28	0.110	0.178	0.200	0.203	0.825	5.48	0.470	12
13	0.530B	0.690B	0.880B	6.12	1.08	0.105	0.167	0.194A	0.179	0.837	4.47	0.357	13
14	0.480B	0.670B	0.800B	5.27	1.18	0.092	0.181	0.175	0.180	0.529	3.73	0.309	14
15	0.460B	0.650B	0.740B	5.54	0.999	0.075	0.170	0.148	0.178	0.435	3.30	0.3008	15
16	0.440B	0.680B	0.780B	6.82	0.992	0.083	0.151	0.129	0.189	0.352	2.91	0.2978	16
17	0.480B	0.680B	1.01 B	5.71	1.13	0.055	0.112	0.120	0.182	0.307	2.59	0.2958	17
18	0.700B	0.680B	1.23 B	4.61	1.02	0.043	0.098	0.114	0.187	0.352	2.32	0.2938	18
19	0.840B	0.700B	1.21	4.08	0.928	0.035	0.083	0.103	0.147	0.313	2.26	0.2838	19
20	0.940B	0.730B	1.07	3.52	0.955	0.036	0.108	0.101	0.125	0.341	2.25	0.2988	20
21	0.880B	0.780B	0.930	3.11	1.29	0.041	0.133	0.103	0.217	0.331	2.25	0.438	21
22	0.800B	0.840B	0.811	2.87	1.42	0.088	0.102	0.084	0.388	0.349	2.35	0.508	22
23	0.830B	1.04 B	0.789	2.56	1.14	0.109	0.080	0.080	0.370	0.744	2.21	0.806	23
24	0.750B	1.21 B	4.00 B	2.54	0.857	0.097	0.094	0.101	0.308	2.07	2.03	0.412	24
25	0.680B	1.22 B	9.32 B	2.97	0.714	0.212	0.172	0.182	0.235	3.98	1.93	0.358	25
26	0.600B	1.10 B	24.5 B	3.05	0.598	0.883	0.214	0.201	0.211	4.52	1.82	0.339	26
27	0.540B	0.980B	27.8 B	3.46	0.540	0.847	0.835	0.252	0.195	4.56	1.80	0.331	27
28	0.480B	0.800B	25.1 B	4.12	0.619	0.892	1.18	0.472	0.155	4.19	1.96	0.329	28
29	0.440B	0.770B	21.6 B	11.2	0.672	0.489	0.808	0.881	0.131	3.76	2.13	0.3018	29
30	0.420B		17.2 B	15.3	0.437	0.428	0.840	0.580	0.132	2.98	2.08	0.2928	30
31	1.96 B		15.7 B		0.341		0.485	0.457		2.28		0.2748	31
TOTAL	23.751	59.180	184.370	284.08	88.460	8.412	10.638	7.582	8.886	38.704	111.94	20.604	TOTAL
MEAN	0.766	2.04	5.30	9.80	2.21	0.214	0.343	0.245	0.229	1.25	3.73	0.885	MEAN
MAX	1.86	13.8	27.8	20.0	13.2	0.847	1.18	0.881	0.384	4.56	8.42	1.91	MAX
MIN	0.420	0.880	0.520	2.54	0.341	0.035	0.080	0.080	0.125	0.138	1.80	0.274	MIN

SUMMARY FOR THE YEAR 1988

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 2.14
MAXIMUM DAILY, 27.8B ON MAR 27
MINIMUM DAILY, 0.035 ON JUN 18

TYPE OF GAUGE - RECORDING
LOCATION - LAT 45 26 03 N
LONG 75 11 55 W
DRAINAGE AREA, 269 km²
A - MANUAL GAUGE
B - ICE CONDITIONS

NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	2 050	JUL	918
FEB	5 110	AUG	655
MAR	14 200	SEP	583
APR	22 800	OCT	3 340
MAY	5 910	NOV	9 670
JUN	884	DEC	1 780

TOTAL DISCHARGE, 67 800 dam³

CARRICK CREEK NEAR CARLSRUHE - STATION NO. 02FC011

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1988

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	1.80	14.2 B	1.868	7.57	2.20	0.724	0.267E	0.380	0.088	2.48	1.68	2.22	1
2	1.538	8.988	1.938	5.74	1.86	0.658	0.278E	0.325	0.080	2.14	1.43	2.20	2
3	1.428	3.848	1.868	6.88	1.67	0.684	0.266E	0.183	0.101	2.27	1.30	2.04	3
4	1.368	3.228	1.818	7.82	1.58	0.583	0.247A	0.135	0.875	1.71	1.22	1.94	4
5	1.298	2.878	1.788	7.26	1.48	0.596	0.239E	0.138	1.94	1.08	1.32	1.85	5
6	1.288	2.648	1.788	5.88	1.40	0.529	0.232E	0.515	0.828	0.803	1.51	1.72	6
7	1.238	2.488	1.928	5.05	1.28	0.845	0.224E	0.382	0.400	0.448	1.44	1.88	7
8	1.208	2.328	2.048	4.42	1.20	0.543	0.212E	0.195	0.304	0.388	1.82	1.85	8
9	1.188	2.178	5.088	3.76	1.34	0.550	0.210E	0.150	0.284	0.398	2.40	1.52	9
10	1.178	2.048	8.428	3.26	1.84	0.516	0.177	0.171	0.233	0.396	5.85	1.328	10
11	1.158	1.988	6.108	2.81	1.62	0.482	0.184	0.418	0.212	1.88	8.83	1.218	11
12	1.148	1.888	5.608	2.48	1.36	0.480	0.232	0.786	0.196	2.07	5.40	1.128	12
13	1.138	1.828	4.848	2.32	1.27	0.400	0.281	0.444	0.210	1.26	8.15	1.108	13
14	1.128	1.808	3.758	2.45	1.20	0.371	0.184	0.302	0.182	0.932	7.00	1.208	14
15	1.118	2.788	3.328	2.47	1.20	0.348	0.115	0.488	0.148	0.787	4.85	1.188	15
16	1.328	8.028	3.17	2.22	2.04	0.482	0.145	0.381	0.126	0.673	3.89	1.138	16
17	1.898	5.528	3.828	2.12	3.70	0.411	0.187	0.323	0.264	0.838	3.37	1.118	17
18	5.158	4.458	2.518	2.48	2.52	0.388	0.195	0.239	0.280	0.928	2.88	1.078	18
19	5.428	3.948	2.418	2.30	1.84	0.408	0.139	0.188	0.241	1.18	2.44	1.098	19
20	5.628	3.528	2.328	2.08	1.63	0.701	0.097	0.156	0.320	0.870	2.32	2.10	20
21	5.088	3.228	2.148	2.18	3.02	0.820	0.091	0.133	0.327	0.887	3.89	8.84	21
22	3.978	2.948	2.028	1.83	2.33	1.44	0.080	0.087	0.248	0.709	3.48	4.18	22
23	3.588	2.628	2.288	1.88	1.78	1.67	0.083	0.088	0.832	0.732	2.77	3.28	23
24	3.118	2.488	8.32	3.04	1.48	0.848	0.183	0.121	0.628	0.804	2.43	3.80	24
25	2.888	2.388	14.1	2.78	1.27	0.518	0.221	0.180	0.728	2.07	2.18	3.08	25
26	2.148	2.288	18.2	2.34	1.11	0.420E	0.326	0.310	1.04	4.74	2.00	2.478	26
27	1.918	2.208	17.0	2.12	1.03	0.378E	0.284	0.286	1.88	4.48	2.12	2.418	27
28	1.788	2.118	10.4	2.15	0.948	0.348E	0.183	0.228	2.27	3.80	2.22	5.89	28
29	1.678	2.088	10.5	2.32	0.839	0.322E	0.108	0.178	2.70	3.14	2.12	4.878	29
30	2.208		11.9	2.56	0.806	0.304E	0.187	0.185	3.11	2.21	2.04	3.328	30
31	8.788		8.28		0.735		0.552	0.118		1.73		2.848	31
TOTAL	78.49	98.74	171.46	105.86	48.718	17.218	8.357	8.107	20.273	47.748	91.00	72.18	TOTAL
MEAN	2.47	3.40	5.53	3.53	1.60	0.574	0.205	0.282	0.876	1.54	3.03	2.33	MEAN
MAX	8.78	14.2	18.2	7.82	3.70	1.67	0.552	0.788	3.11	4.74	8.83	8.84	MAX
MIN	1.11	1.80	1.78	1.83	0.735	0.304	0.080	0.087	0.080	0.388	1.22	1.07	MIN

SUMMARY FOR THE YEAR 1988

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 2.08
MAXIMUM DAILY, 18.2 ON MAR 26
MINIMUM DAILY, 0.080 ON JUL 22
MAXIMUM INSTANTANEOUS,
22.4 AT 02:37 EST ON MAR 26

TYPE OF GAUGE - RECORDING
LOCATION - LAT 44 08 47 N
LONG 81 01 12 W
DRAINAGE AREA, 183 km²
A - MANUAL GAUGE
B - ICE CONDITIONS
E - ESTIMATED
NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	5 810	JUL	569
FEB	5 530	AUG	700
MAR	14 800	SEP	1 750
APR	9 150	OCT	4 130
MAY	4 300	NOV	7 880
JUN	1 490	DEC	6 230

TOTAL DISCHARGE, 65 100 dam³

CASTOR RIVER AT RUSSELL - STATION NO. 02LB006

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1988

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	2.80B	42.3 B	3.20B	20.0	13.2	0.884	3.48	0.191	0.324	0.180	2.10	4.13	1
2	2.80B	13.2 B	3.00B	16.7	9.18	0.729	3.42	0.188	0.285	0.332	4.29	3.30	2
3	2.20B	8.20B	2.78B	17.5	6.78	0.618	2.02	0.170	0.222	0.428	17.1	3.06	3
4	1.90B	7.18B	2.62B	33.9	5.36	0.576	1.38	0.187	0.241	0.674	12.1	2.71	4
5	1.68B	5.40B	2.50B	26.6	4.36	0.582A	0.999	0.214	0.278	0.588	8.32	2.48 B	5
6	1.58B	4.80B	2.40B	18.3	3.75	0.645E	0.821	0.174	0.238	0.883	24.8	2.17	6
7	1.48B	4.00B	2.55B	13.8	3.18	0.492E	0.714	0.172	0.241	0.721	24.2	2.08	7
8	1.43B	3.58B	3.20B	11.7	2.70	0.462E	0.600	0.175	0.212	0.588	14.6	2.00 B	8
9	1.38B	3.20B	4.60B	12.4	2.47	0.415A	0.488	0.186	0.187	0.504	12.0	1.80 B	9
10	1.33B	2.90B	7.80B	9.81	2.28	0.350	0.442	0.187	0.211	0.436	10.8	1.80 B	10
11	1.28B	2.68B	13.3 B	7.88	2.03	0.308	0.439	0.181	0.181	0.435	10.3	1.27 B	11
12	1.25B	2.41B	9.00B	6.54	1.81	0.287	0.382	0.146	0.187	0.446	7.84	0.980B	12
13	1.22B	2.29B	6.00B	5.78	1.67	0.276	0.346	0.138	0.164	0.548	5.50	0.780B	13
14	1.19B	2.15B	4.38B	5.50	1.80	0.266	0.333	0.162	0.180	0.574	5.04	0.880B	14
15	1.17B	2.01B	3.80B	6.30	1.63	0.230	0.342	0.172	0.184	0.611	5.18	0.822B	15
16	1.14B	2.12B	3.30B	5.84	1.71	0.183	0.336	0.183	0.187	0.371	4.71	0.801B	16
17	1.11B	2.11B	3.20B	5.10	1.83	0.188	0.305	0.151	0.186	0.245	4.32	0.590B	17
18	1.35B	2.08B	4.00B	4.88	2.00	0.174	0.274	0.136	0.170	0.485	3.72	0.582B	18
19	2.65B	2.05B	5.60B	4.12	1.79	0.186	0.268	0.132	0.180	0.434	3.20	0.577B	19
20	3.70B	2.10B	3.81B	3.46	1.84	0.183	0.269	0.126	0.187	0.483	3.04	0.820B	20
21	4.38B	2.31B	3.10B	3.21	2.98	0.180	0.288	0.181	0.207	0.485	3.52	0.800B	21
22	3.75B	2.71B	2.58B	3.20	3.36	0.188	0.287	0.180	0.188	0.582	3.96	1.07 B	22
23	2.80B	2.90B	1.95B	2.94	2.77	0.295	0.226	0.136	0.258	0.883	3.73	0.902B	23
24	2.10B	7.01B	4.10B	3.07	2.18	0.635	0.272	0.237	0.189	2.81	3.46	0.810B	24
25	1.88B	6.04B	18.0 B	3.86	1.85	0.850	0.390	0.343	0.175	8.07	3.08	0.780B	25
26	1.37B	5.40B	51.6 B	4.18	1.54	2.86	0.434	0.403	0.186	7.48	2.96	0.718B	26
27	1.18B	4.70B	57.6 B	3.79	1.38	2.08	0.478	0.471	0.187	5.60	3.08	0.703B	27
28	1.10B	3.88B	30.2	5.84	1.22	1.43	0.363	0.483	0.183	4.05	4.31	0.690B	28
29	1.06B	3.50B	20.5	26.7	0.97A	1.55	0.319	0.418	0.147	3.43	5.38	0.675B	29
30	1.20B		19.3	22.4	0.84A	1.85	0.280	0.493	0.186	2.82	4.83	0.680B	30
31	12.4 B		22.8		0.90T		0.237	0.460		2.36		0.800B	31
TOTAL	87.41	186.28	330.28	315.38	81.803	20.013	21.201	7.001	5.940	48.006	223.44	40.883	TOTAL
MEAN	2.17	5.39	10.7	10.5	2.86	0.667	0.684	0.226	0.198	1.55	7.48	1.32	MEAN
MAX	12.4	42.3	57.6	33.9	13.2	2.86	3.48	0.493	0.324	8.07	24.8	4.13	MAX
MIN	1.06	2.01	1.95	2.94	0.807	0.150	0.225	0.126	0.147	0.180	2.10	0.577	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 3.63
MAXIMUM DAILY, 57.6B ON MAR 27
MINIMUM DAILY, 0.126 ON AUG 20

SUMMARY FOR THE YEAR 1988

TYPE OF GAUGE - RECORDING
LOCATION - LAT 48 15 43 N
LONG 75 20 40 W
DRAINAGE AREA, 433 km²
A - MANUAL GAUGE
B - ICE CONDITIONS
E - ESTIMATED
NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	5 820	JUL	1 830
FEB	13 500	AUG	805
MAR	26 500	SEP	513
APR	27 200	OCT	4 150
MAY	7 940	NOV	19 300
JUN	1 730	DEC	3 540

TOTAL DISCHARGE, 115 000 dam³

CAT RIVER BELOW WESLEYAN LAKE - STATION NO. 04GA002

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1988

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	10.8	10.7	9.67E	9.87	12.2	19.8	24.2	35.5	23.3	23.6	24.3	24.4	1
2	10.8	10.7	9.65E	9.84	12.8	20.0	24.4	35.2	23.5	24.1	24.3	24.5	2
3	10.6	10.7	9.59E	9.82	13.6	20.1	24.4	34.7	23.4	24.6	24.3	24.5	3
4	10.9	10.6 E	9.50E	9.87	14.5	20.3	24.3	34.3	22.8	25.0	24.1	24.7	4
5	10.6	10.6 E	9.52E	9.81	15.0	20.4	25.9	34.2	22.4	24.8	24.1	24.9	5
6	10.7	10.5 E	9.80E	9.87	15.2	20.4	32.5	33.9	22.1	24.6	24.3	25.1	6
7	10.6	10.4 E	9.53E	9.93	15.9	20.0	34.6	33.6	21.5	24.8	24.0	24.8	7
8	10.7	10.4 E	9.57E	9.92	15.6	19.7	35.4	33.0	20.8	24.7	23.8	24.6	8
9	10.5	10.3 E	9.62E	9.88	15.9	19.7	35.5	32.6	20.3	24.8	23.8	24.6	9
10	10.6	10.2 E	9.67E	9.92	17.5	19.7	35.2	31.8	20.2	25.0	23.4	24.6	10
11	10.5	10.2 E	9.62E	9.93	17.8	19.6	35.0	31.2	20.0	25.0	23.3	24.6	11
12	10.4	10.1 E	9.43E	10.3	18.2	19.4	34.8	30.7	20.6	24.8	23.3	24.2	12
13	10.2	10.0 E	9.37E	10.4	18.5	19.5	35.0	30.4	21.0	25.2	23.1	24.3	13
14	10.3	9.91E	9.24E	10.4	18.4	19.6	35.5	30.1	21.3	24.6	23.2	24.2	14
15	10.3	9.86E	9.20E	10.3	18.8	20.5	35.7	29.6	21.0	24.2	23.1	24.3	15
16	10.3	9.72E	9.19E	10.3	19.0	20.5	36.5	29.1	20.7	24.4	24.1	24.5	16
17	10.5	9.62E	9.19E	10.3	19.2	20.3	37.0	28.2	20.7	24.7	24.0	24.3	17
18	10.4	9.52E	9.11E	10.3	19.3	20.3	37.0	27.5	20.7	24.8	24.0	24.3	18
19	10.4	9.56E	9.06E	10.3	19.2	21.0	37.0	27.0	21.3	24.2	24.0	24.2	19
20	10.5	9.52E	9.01E	10.3	19.2	21.1	37.0	26.6	22.3	23.6	24.0	24.1	20
21	10.8	9.55E	8.96E	10.3	19.3	21.0	37.3	25.8	22.4	23.8	25.0	24.1	21
22	10.8	9.63E	8.88E	10.3	19.6	20.8	37.0	25.1	22.4	23.7	24.8	24.0	22
23	10.5	9.56E	9.04E	10.4	19.8	20.8	36.8	25.0	22.5	23.8	24.8	24.5	23
24	10.5	9.56E	9.08E	10.4	20.1	21.2	36.6	25.3	22.6	24.4	24.8	24.7	24
25	10.5	9.85E	9.38E	10.6	19.8	23.7	36.4	25.2	22.8	24.4	24.7	24.6	25
26	10.5	9.56E	9.48E	10.8	19.6	24.1	36.0	24.9	23.0	24.7	24.6	24.6	26
27	10.5	9.60E	9.32E	11.0	19.7	24.3	35.9	24.7	23.3	24.6	24.7	24.6	27
28	10.6	9.62E	9.38E	11.2	19.6	24.3	35.9	25.0	23.3	25.2	24.6	24.6	28
29	10.6	9.87E	9.74E	11.5	19.8	24.1	36.6	24.6	23.4	25.1	24.5	24.6	29
30	10.5		9.76E	11.8	19.9	24.2	36.6	24.4	23.5	24.6	24.6	24.5	30
31	10.5		9.79		19.9		35.8	23.6		24.4		24.7	31
TOTAL	327.2	288.40	291.02	308.97	555.6	630.7	1 057.6	902.8	658.5	781.3	727.1	760.1	TOTAL
MEAN	10.6	9.98	9.39	10.3	17.9	21.0	34.1	29.1	22.0	24.6	24.2	24.5	MEAN
MAX	10.8	10.7	9.79	11.8	20.1	24.3	37.3	35.5	23.5	25.2	25.0	25.1	MAX
MIN	10.2	9.52	8.88	9.81	12.2	19.4	24.2	23.6	20.0	23.7	23.1	24.0	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 18.8
MAXIMUM DAILY, 37.3 ON JUL 21
MINIMUM DAILY, 8.88E ON MAR 21
MAXIMUM INSTANTANEOUS,
37.5 AT 09:30 EST ON JUL 21

SUMMARY FOR THE YEAR 1988

TYPE OF GAUGE - RECORDING
LOCATION - LAT 51 10 00 N
LONG 91 35 50 W
DRAINAGE AREA, 5 390 km²

E - ESTIMATED
NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	28 300	JUL	91 400
FEB	25 000	AUG	76 000
MAR	25 100	SEP	57 000
APR	26 800	OCT	85 500
MAY	48 000	NOV	82 500
JUN	54 500	DEC	85 700

TOTAL DISCHARGE, 628 000 dam³

CATARAQUI RIVER AT CHAFFEYS LOCKS - STATION NO. 02MA002

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1988

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	3.34	7.08	15.0	0.382	5.50	---	---	---	---	---	3.84	1.88	1
2	3.28	7.18	14.3	0.367	7.76	---	---	---	---	---	4.04	1.88	2
3	3.22	8.19	14.1	0.322	10.5	---	---	---	---	---	3.04	1.88	3
4	5.88	11.2	14.0	0.287	9.85	---	---	---	---	---	1.88	1.88	4
5	7.57	8.81	14.0	0.262	8.50	---	---	---	---	---	1.87	5.53	5
6	7.41	8.15	13.8	0.262	6.44	---	---	---	---	---	1.77	8.03	6
7	7.17	8.32	13.7	0.898	1.76	---	---	---	---	---	1.83	3.84	7
8	7.32	8.32	13.4	3.45	1.72	---	---	---	---	---	1.88	3.53	8
9	7.18	8.22	12.1	4.75	1.68	---	---	---	---	---	3.81	2.83	9
10	7.09	10.8	11.3	5.23	1.84	---	---	---	---	---	4.98	1.88	10
11	10.2	10.5	11.2	5.18	1.68	---	---	---	---	---	5.03	1.89	11
12	11.4	10.8	11.3	5.10	1.84	---	---	---	---	---	4.73	5.38	12
13	11.1	10.7	11.2	5.14	1.44	---	---	---	---	---	4.80	7.78	13
14	11.0	10.4	8.88	5.23	1.14	---	---	---	---	---	4.51	4.81	14
15	9.04	12.3	6.82	7.18	1.14	---	---	---	---	2.05	4.38	2.88	15
16	7.36	14.0	6.84	6.37	---	---	---	---	---	2.04	4.13	2.08	16
17	7.12	14.2	5.80	6.22	---	---	---	---	---	2.02	2.59	1.11	17
18	6.87	14.2	3.18	6.88	---	---	---	---	---	2.01	1.84	1.10	18
19	6.77	14.1	3.21	6.36	---	---	---	---	---	2.04	1.84	1.11	19
20	6.73	14.1	3.27	6.66	---	---	---	---	---	2.01	1.88	1.11	20
21	6.72	14.1	6.64	9.89	---	---	---	---	---	1.89	3.34	1.11	21
22	6.81	14.0	6.84	6.72	---	---	---	---	---	2.10	4.20	1.11	22
23	6.86	14.0	6.82	6.37	---	---	---	---	---	2.13	4.06	1.12	23
24	6.82	16.0	7.26	5.81	---	---	---	---	---	4.06	4.00	1.12	24
25	6.82	16.7	6.48	5.47	---	---	---	---	---	4.76	2.61	1.15	25
26	7.06	16.2	0.384	5.48	---	---	---	---	---	4.63	1.81	1.13	26
27	6.83	16.1	0.367	5.57	---	---	---	---	---	4.22	1.58	1.13	27
28	6.83	16.1	0.395	4.76	---	---	---	---	---	2.89	1.81	1.17	28
29	6.87	16.0	0.384	5.81	---	---	---	---	---	2.48	1.81	1.18	29
30	6.81		0.389	5.88	---	---	---	---	---	2.45	1.57	1.18	30
31	6.84		0.370		---		---	---		3.35		1.18	31
TOTAL	222.12	348.89	241.238	142.280	---	---	---	---	---	---	89.61	70.87	TOTAL
MEAN	7.17	12.0	7.78	4.74	---	---	---	---	---	---	2.88	2.28	MEAN
MAX	11.4	16.7	15.0	9.89	---	---	---	---	---	---	5.03	7.78	MAX
MIN	3.22	8.15	0.384	0.262	---	---	---	---	---	---	1.57	1.10	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MAXIMUM DAILY, 16.7 ON FEB 25

MAXIMUM INSTANTANEOUS,
17.5 AT 09:57 EST ON FEB 24

REMARKS - SEASONAL OPERATION (MID-OCT TO MID-MAY)

SUMMARY FOR THE YEAR 1988

TYPE OF GAUGE - RECORDING
LOCATION - LAT 44 34 43 N
LONG 76 19 13 W
DRAINAGE AREA, 384 km²

REGULATED

MONTHLY TOTAL DISCHARGE
IN CUBIC DECAMETRES

JAN	19 200	JUL	---
FEB	28 900	AUG	---
MAR	20 800	SEP	---
APR	12 300	OCT	---
MAY	---	NOV	7 740
JUN	---	DEC	6 110

CATFISH CREEK AT AYLMER - STATION NO. 02EC030

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1988

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	0.7088	4.51	0.6288	1.57	0.434	0.273	0	0.210	0.020	0.028	0.378	0.904E	1
2	0.8488	2.13	1.14 B	1.31	0.384	0.258	0	0.221	0.018	0.029	0.377	0.868E	2
3	0.582	1.13	2.24 B	4.19	0.388	0.242	0	0.072	0.088	0.048	0.388	0.872E	3
4	0.515	0.8038	1.06 B	8.23	0.342	0.208	0	0.037	0.050	0.081	0.378	0.734E	4
5	0.484	0.8828	0.7528	3.82	0.328	0.202	0	0.044	0.031	0.074	0.523	0.714E	5
6	0.4388	0.5988	1.25 B	2.30	0.311	0.184	0	0.088	0.005	0.062	1.28	0.748E	6
7	0.3818	0.4948	1.78	2.01	0.298	0.167	0	0.088	0.003	0.128	2.32	0.734E	7
8	0.3468	0.4228	1.88	1.58	0.285	0.133	0	0.018	0.004	0.180	3.86	0.631E	8
9	0.3078	0.3848	2.75	1.25	0.313	0.183	0	0.004	0.011	0.182	2.81	0.573E	9
10	0.3988	0.3978	1.87	1.06	0.347	0.148	0	0.024	0.012	0.234	2.82	0.478E	10
11	0.2378	0.3438	1.47	0.884	0.318	0.131	0	0.018	0.003	0.241	2.22	0.348E	11
12	0.2178	0.3258	1.80	0.782	0.318	0.118	0	0.008	0.018	0.297	1.81	0.288E	12
13	0.2028	0.3108	2.13	0.717	0.310	0.122	0	0.002	0.023	0.321	8.33	0.284E	13
14	0.1938	0.2968	1.51	0.885	0.299	0.113	0	0.001	0.028	0.337	5.58	0.318E	14
15	0.1848	1.06 B	1.15	0.814	0.322	0.112	0	0.028	0.023	0.317	2.78	0.353E	15
16	0.405	2.00 B	1.00	0.588	0.487	0.114	0.010	0	0.028	0.382	1.88 E	0.281E	16
17	0.505	1.73 B	0.801	0.554	0.388	0.138	0.475	0	0.014	0.367	1.87 E	0.278E	17
18	1.74	1.39 B	1.00	0.567	0.348	0.122	0.405	0.002	0.018	1.18	1.30 E	0.230E	18
19	0.780	1.81 B	1.04	0.545	0.338	0.131	0.148	0.004	0.001	0.524	1.11 E	0.281E	19
20	1.57	3.73 B	1.06	0.527	0.328	0.122	0.080	0.098	0	0.420	2.47 E	1.33 E	20
21	1.11	2.37 B	0.908	0.571	0.440	0.083	0.058	0.008	0	0.338	8.01 E	2.61 E	21
22	0.582	2.09 B	0.814	0.510	0.537	0.037	0.078	0.018	0.008	0.549	4.00 E	0.808E	22
23	0.427	8.44 B	1.04	0.540	0.433	0.058	0.095	0.048	0.058	0.484	2.33 E	5.12 E	23
24	0.384	3.67 B	2.87	0.544	0.382	0.042	0.113	0.048	0.007	0.838	1.71 E	4.03 E	24
25	0.3488	1.81 B	8.10	0.478	0.340	0.008	0.153	0.018	0	0.582	1.41 E	2.03 E	25
26	0.3008	0.8038	13.1	0.448	0.338	0.024	0.107	0.002	0	0.451	1.28 E	1.12 E	26
27	0.2868	0.7138	5.85	0.432	0.318	0.012	0.083	0.002	0	0.378	1.23 E	2.80 E	27
28	0.2308	0.6578	3.11	0.448	0.304	0	0.258	0.026	0	0.425	1.12 E	10.5 E	28
29	0.2178	0.6388	2.81	0.444	0.298	0	0.178	0.032	0.001	0.474	1.43 E	5.38 E	29
30	0.897		2.44	0.480	0.283	0	0.083	0.009	0.013	0.405	1.01 E	2.46 E	30
31	2.41		1.85		0.272		0.058	0.013		0.370		1.29 E	31
TOTAL	17.889	45.540	89.181	38.477	10.795	3.472	2.382	1.068	0.480	10.425	85.254	48.142	TOTAL
MEAN	0.577	1.57	2.23	1.28	0.348	0.116	0.077	0.034	0.016	0.338	2.18	1.58	MEAN
MAX	2.41	8.44	13.1	8.23	0.537	0.273	0.475	0.221	0.088	1.18	8.01	10.5	MAX
MIN	0.184	0.384	0.626	0.432	0.272	0	0	0	0	0.028	0.388	0.230	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 0.858
MAXIMUM DAILY, 13.1 ON MAR 26
MINIMUM DAILY, 0 ON JUN 28
MAXIMUM INSTANTANEOUS,
16.8 AT 04:44 EST ON MAR 26

SUMMARY FOR THE YEAR 1988

TYPE OF GAUGE - RECORDING
LOCATION - LAT 42 46 25 N
LONG 80 58 58 W
DRAINAGE AREA, 120 km²

B - ICE CONDITIONS
E - ESTIMATED
NATURAL FLOW

MONTHLY TOTAL DISCHARGE
IN CUBIC DECAMETRES

JAN	1 550	JUL	207
FEB	3 930	AUG	92.3
MAR	5 960	SEP	41.5
APR	3 320	OCT	901
MAY	933	NOV	5 640
JUN	300	DEC	4 250

TOTAL DISCHARGE, 27 100 dam³

CATFISH CREEK NEAR SPARTA - STATION NO. 02GC018

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1988

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	1.32 B	12.2 B	1.168	2.83	1.29	0.227	0.208	0.532	0.088	0.082	0.818	1.61	1
2	1.10 B	5.53 B	2.128	2.50	1.18	0.263	0.208	0.835	0.084	0.086	0.788	1.50	2
3	0.9668	3.03 B	5.818	5.78	0.833	0.247	0.188	0.406	0.172	0.111	0.700	1.44	3
4	0.8368	1.58 B	2.418	18.5	0.748	0.227	0.180	0.235	0.188	0.080	0.881	1.28	4
5	0.7508	1.26 B	1.728	8.04	0.577	0.211	0.190	0.185	0.152	0.085	0.888	1.18	5
6	0.7008	1.18 B	4.208	4.82	0.545	0.204	0.181	0.441	0.113	0.083	2.47	1.08	6
7	0.6428	1.08 B	4.288	4.17	0.488	0.182	0.171	0.248	0.082	0.082	5.78	1.05	7
8	0.5868	0.9568	5.198	3.38	0.468	0.171	0.148	0.163	0.081	0.081	8.82	0.985	8
9	0.5508	0.8388	7.54	2.58	0.488	0.192	0.088	0.132	0.076	0.084	7.38	0.838	9
10	0.5328	0.8428	5.18	2.08	0.830	0.182	0.045	0.122	0.074	0.084	7.00	0.713	10
11	0.5148	0.7908	3.55	1.84	0.854	0.177	0.048	0.118	0.088	0.273	6.32	0.838	11
12	0.5088	0.7308	3.52	1.88	0.508	0.158	0.045	0.108	0.070	0.318	3.82	0.808	12
13	0.4788	0.8008	5.44	1.52	0.475	0.161	0.047	0.085	0.074	0.381	17.9	0.615	13
14	0.4628	0.8618	3.82	1.48	0.448	0.147	0.044	0.063	0.074	0.255	16.0	0.555	14
15	0.4458	1.08 B	2.84	1.38	0.458	0.140	0.038	0.258	0.085	0.183	7.15	0.895	15
16	0.4288	3.25 B	2.08	1.28	0.883	0.120	0.034	0.180	0.085	0.188	4.40	0.587	16
17	0.587	2.73 B	1.80	1.21	0.720	0.121	0.840	0.087	0.070	0.180	3.23	0.575	17
18	3.18	2.16 B	2.05	1.28	0.884	0.117	0.878	0.074	0.187	4.40	2.48	0.588	18
19	1.88	3.55 B	2.15	1.15	0.886	0.121	0.434	0.071	0.108	2.38	2.04	0.820	19
20	2.82	4.51 B	2.078	0.935	0.559	0.112	0.241	0.084	0.088	1.37	5.82	1.18	20
21	3.37	4.41 B	1.728	1.03	0.884	0.117	0.154	0.058	0.078	1.08	23.8	3.59	21
22	1.00 B	4.13 E	1.488	0.959	0.892	0.084	0.122	0.080	0.081	1.88	12.0	2.11	22
23	0.8748	16.3 B	1.98	0.974	0.775	0.088	0.187	0.087	0.842	1.84	6.30	5.22 B	23
24	0.7108	7.01 B	6.57	1.05	0.588	0.080	0.183	0.098	0.232	1.85	3.98	6.47	24
25	0.8408	2.38 B	18.7	0.906	0.481	0.083	0.209	0.088	0.143	1.75	3.08	3.40	25
26	0.5888	1.76 B	28.9	0.858	0.427	0.071	0.204	0.088	0.110	1.48	2.87	2.21	26
27	0.5508	1.36 B	12.9	1.22	0.377	0.071	0.217	0.085	0.088	1.22	2.30	4.37	27
28	0.5328	1.27 B	8.50	1.22	0.348	0.074	0.188	0.071	0.074	1.17	2.18	28.4	28
29	0.5238	1.22 B	6.09	1.23	0.310	0.121	0.418	0.064	0.077	1.20	1.78	10.3	29
30	1.14 B		4.96	1.34	0.276	0.177	0.308	0.074	0.078	1.04	1.84	4.87	30
31	7.11 B		3.62		0.248		0.338	0.087		0.803		3.08	31
TOTAL	36.423	90.588	180.85	78.242	18.634	4.457	6.880	5.242	3.420	28.741	184.180	88.402	TOTAL
MEAN	1.17	3.12	5.19	2.84	0.588	0.149	0.215	0.188	0.114	0.830	5.47	2.88	MEAN
MAX	7.11	16.3	28.9	18.5	1.29	0.263	0.875	0.835	0.842	4.40	23.8	28.4	MAX
MIN	0.428	0.881	1.18	0.858	0.248	0.071	0.034	0.088	0.084	0.081	0.881	0.588	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 1.87
MAXIMUM DAILY, 28.9 ON MAR 26
MINIMUM DAILY, 0.034 ON JUL 16
MAXIMUM INSTANTANEOUS,
42.4 AT 00:47 EST ON MAR 26

SUMMARY FOR THE YEAR 1988

TYPE OF GAUGE - RECORDING
LOCATION - LAT 42 44 48 N
LONG 81 03 29 W
DRAINAGE AREA, 267 km²

B - ICE CONDITIONS

NATURAL FLOW

MONTHLY TOTAL DISCHARGE
IN CUBIC DECAMETRES

JAN	3 150	JUL	577
FEB	7 830	AUG	453
MAR	13 800	SEP	285
APR	6 850	OCT	2 220
MAY	1 600	NOV	14 200
JUN	385	DEC	7 726

TOTAL DISCHARGE, 59 200 dam³

CEDAR CREEK AT WOODSTOCK - STATION NO. 02GD011

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1988

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	0.433	2.70	0.3808	1.08	0.847	0.140E	0.082E	3.24	0.092E	0.120	0.388	0.582	1
2	0.367	1.13	0.4808	0.884	0.521	0.130E	0.082E	1.38	0.081E	0.218	0.387	0.522	2
3	0.341	0.8408	0.8008	1.81	0.514	0.122E	0.081E	0.732	0.080E	0.148	0.380	0.4158	3
4	0.3208	0.5008	0.5808	3.75	0.448	0.118E	0.081E	0.423	0.303A	0.131	0.370	0.2878	4
5	0.3008	0.4808	0.5208	2.62	0.388	0.115E	0.080E	0.334	0.349	0.138	0.588	0.876	5
6	0.2758	0.4408	1.20 B	1.84	0.348	0.112E	0.080E	0.288	0.281	0.183	0.808	0.418	6
7	0.2558	0.4208	2.23	1.28	0.310	0.110E	0.080E	0.273	0.220A	0.184	1.20	0.482	7
8	0.2388	0.4058	3.09	0.984	0.286	0.108E	0.078E	0.220A	0.170E	0.163	1.53	0.450	8
9	0.2308	0.4008	5.01	0.764	0.280	0.108E	0.078E	0.210E	0.150E	0.148	1.88	0.408	9
10	0.2208	0.3958	3.33	0.617	0.878	0.104E	0.078E	0.337	0.148E	0.308	1.73	0.3688	10
11	0.2108	0.3908	1.81	0.520	0.342	0.102E	0.078E	0.257A	0.150E	0.872	1.88	0.3688	11
12	0.2008	0.3808	1.41	0.493	0.288	0.101E	0.078E	0.295	0.120E	0.513	1.23	0.8908	12
13	0.1958	0.3758	1.24	0.448	0.230A	0.098A	0.078E	0.263	0.180E	0.455	2.07	0.4708	13
14	0.1908	0.3708	0.820	0.452	0.230A	0.087E	0.340A	0.215A	0.120E	0.348	2.45	0.3628	14
15	0.1888	0.4408	0.859	0.418	0.370	0.096E	0.180E	0.220A	0.080E	0.322	1.90	0.2808	15
16	0.1828	0.8008	0.575	0.395	1.85	0.094E	0.505A	0.340A	0.050E	0.262	1.78	0.2928	16
17	0.2308	0.7008	0.504	0.377	1.88	0.093E	1.25	0.250E	0.055	0.330	1.81	0.3088	17
18	0.4408	0.5808	0.507	0.422	0.783	0.092E	0.358	0.190E	0.103	1.43	0.913	0.2848	18
19	0.3008	0.5308	0.4808	0.370	0.595	0.091E	0.245A	0.160E	0.095	1.28	0.718	0.278	19
20	0.4808	0.5008	0.4408	0.358	0.541	0.090E	0.198A	0.130E	0.098	1.08	1.24	0.487	20
21	0.3608	0.4808	0.3858	0.424	0.585	0.089E	0.170E	0.120E	0.101	0.814	3.08	0.843	21
22	0.2908	0.4608	0.3708	0.381	0.593	0.088E	0.150E	0.118A	0.117	0.710	2.55	0.809	22
23	0.2608	1.10 B	0.6448	0.450	0.480	0.087E	0.135E	0.114E	0.220	0.887	1.58	0.893	23
24	0.2408	1.20 B	2.37	0.442	0.388	0.086E	0.120E	0.110E	0.148	0.708	1.14	1.08	24
25	0.2308	0.8208	2.48	0.230A	0.307	0.085E	0.110E	0.107E	0.130	0.645	0.885	0.763	25
26	0.2208	0.4608	5.14	0.230A	0.277	0.085E	0.105E	0.104E	0.118	0.581	0.763	0.8208	26
27	0.2158	0.4208	3.86	0.388	0.257	0.084E	0.100E	0.100E	0.120	0.731	0.778	0.8878	27
28	0.2158	0.4008	2.03	0.360	0.247	0.084E	0.097E	0.098E	0.124	1.14	0.728	3.82	28
29	0.2148	0.3808	1.97	0.491	0.234	0.083E	0.092E	0.097E	0.128	0.784	0.683	3.85	29
30	0.8508		1.86	0.8F8	0.230A	0.083E	0.418A	0.095E	0.124	0.610	0.595	1.87	30
31	1.80		1.38		0.180E		3.58	0.093E		0.850		1.04 B	31
TOTAL	10.180	18.085	49.584	23.784	14.922	2.974	8.198	10.881	4.221	18.518	37.488	24.890	TOTAL
MEAN	0.328	0.623	1.60	0.793	0.481	0.099	0.287	0.355	0.141	0.533	1.25	0.786	MEAN
MAX	1.80	2.70	8.14	3.75	1.88	0.140	3.58	3.24	0.348	1.43	3.08	3.82	MAX
MIN	0.182	0.370	0.370	0.230	0.180	0.083	0.078	0.083	0.080	0.120	0.380	0.278	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 0.808
MAXIMUM DAILY, 8.14 ON MAR 25
MINIMUM DAILY, 0.080E ON SEP 18
MAXIMUM INSTANTANEOUS,
7.38 AT 07:28 EST ON MAR 25

SUMMARY FOR THE YEAR 1988

TYPE OF GAUGE - RECORDING
LOCATION - LAT 43 07 39 N
LONG 80 48 05 W
DRAINAGE AREA, 93.2 km²
A - MANUAL GAUGE
B - ICE CONDITIONS
E - ESTIMATED
REGULATED

MONTHLY TOTAL DISCHARGE
IN CUBIC DECAMETRES

JAN	678	JUL	795
FEB	1 880	AUG	850
MAR	4 280	SEP	365
APR	2 050	OCT	1 430
MAY	1 290	NOV	3 240
JUN	357	DEC	2 130

TOTAL DISCHARGE, 18 200 dam³

CEDAR CREEK NEAR HEMLO - STATION NO. 02BB004

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1988

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	1.46 B	0.730B	0.475B	0.850B	8.76	3.81	0.874	0.188	2.81	0.816	2.15	4.05B	1
2	1.41 B	0.720B	0.470B	0.800B	10.4	4.12	0.828	0.208	2.70	0.760	2.09	3.63B	2
3	1.37 B	0.705B	0.468B	0.810B	10.1	4.03	0.476	0.227	2.57	0.705	1.98	3.63B	3
4	1.33 B	0.695B	0.462B	1.13 B	9.35	3.84	0.414	0.243	2.34	0.910	1.87	3.48B	4
5	1.29 B	0.685B	0.458B	1.50	8.19	3.67	0.368E	0.343	2.09	0.846	2.42	3.33B	5
6	1.26 B	0.670B	0.452B	2.21	8.17	3.82	0.342E	0.328	1.89	0.850	2.72	3.18B	6
7	1.22 B	0.650B	0.448B	2.67	8.33	3.48	0.328E	0.308	1.68	0.850	2.58	3.07B	7
8	1.19 B	0.650B	0.444B	3.04	8.86	3.31	0.318E	0.293	1.54	0.942	2.57	2.98B	8
9	1.16 B	0.635B	0.440B	3.40	8.59	3.12	0.308E	0.281	1.48	0.827	2.55	2.85B	9
10	1.13 B	0.625B	0.437B	3.78	9.86	2.91	0.302E	0.250	1.28	0.803	2.63	2.77B	10
11	1.11 B	0.615B	0.433B	4.13	10.4	2.72	0.300E	0.271	1.18	0.783	2.85	2.88B	11
12	1.08 B	0.605B	0.430B	4.80	10.7	2.58	0.297E	0.427	1.02	0.828	2.87	2.57B	12
13	1.05 B	0.598B	0.427B	5.98	11.7	2.48	0.330E	0.567	0.820	0.830	2.57	2.51B	13
14	1.03 B	0.588B	0.425B	6.56	11.7	2.40	0.320E	0.882	0.671	0.818	2.55	2.42B	14
15	1.01 B	0.580B	0.422B	8.72	11.6	2.16	0.311E	1.08	0.584	0.836	2.67	2.36B	15
16	0.988B	0.570B	0.420B	8.87	11.3	2.05	0.304E	1.17	0.488	0.777	4.87	2.28B	16
17	0.968B	0.560B	0.418B	7.23	10.8	1.92	0.298E	1.18	0.428	0.860	6.11	2.22B	17
18	0.948B	0.552B	0.418B	7.38	9.80	1.80	0.281E	0.861	0.397	0.908	6.00	2.18B	18
19	0.930B	0.548B	0.416B	7.48	8.98	1.64	0.263E	0.705	0.368	0.852	5.898	2.11B	19
20	0.910B	0.540B	0.412B	7.48	8.38	1.72	0.278E	0.626	0.429	0.830	6.008	2.04B	20
21	0.890B	0.534B	0.410B	7.44	7.89	1.86	0.288E	0.437	0.413	0.945	6.018	2.00B	21
22	0.878B	0.528B	0.408B	7.38	7.28	1.50	0.280E	0.618	0.385	1.39	6.028	1.98B	22
23	0.860B	0.518B	0.408B	7.37	6.82	1.38	0.251E	0.861	0.377	2.68	6.058	1.80B	23
24	0.848B	0.512B	0.410B	7.43	6.38	1.28	0.242E	0.928	0.360	2.80	6.18	1.88B	24
25	0.828B	0.508B	0.420B	7.44	5.88	1.50	0.230E	0.978	0.333	2.48	6.00	1.81B	25
26	0.810B	0.500B	0.445B	7.40	5.74	1.83	0.220E	0.886	0.588	2.38	5.81	1.77B	26
27	0.798B	0.494B	0.485B	7.51	5.89	1.48	0.205	1.08	0.889	2.24	5.888	1.72B	27
28	0.785B	0.488B	0.530B	7.84	5.89	1.30	0.185	1.48	0.901	2.17	5.188	1.88B	28
29	0.770B	0.484B	0.560B	8.30	5.28	1.18	0.170	3.25	0.834	2.11	4.888	1.88B	29
30	0.758B		0.590B	8.88	4.87	1.08	0.207	3.13	0.820	2.21	4.408	1.63B	30
31	0.748B		0.630B		4.85		0.188	2.85		2.17		1.59B	31
TOTAL	31.80D	17.09I	14.07J	181.94D	287.81	71.49	10.08J	27.10J	32.57J	40.48A	122.17	78.03	TOTAL
MEAN	1.03	0.58B	0.45A	6.40	8.63	2.38	0.326	0.874	1.08	1.31	4.07	2.45	MEAN
MAX	1.46	0.73D	0.63D	8.88	11.7	4.12	0.874	3.25	2.81	2.68	6.18	4.05	MAX
MIN	0.748	0.484	0.40A	0.89D	4.85	1.08	0.170	0.188	0.333	0.705	1.87	1.59	MIN

SUMMARY FOR THE YEAR 1988

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 2.38
MAXIMUM DAILY, 11.7 ON MAY 13
MINIMUM DAILY, 0.170 ON JUL 30
MAXIMUM INSTANTANEOUS,
12.0 AT 17:02 EST ON MAY 13

TYPE OF GAUGE - RECORDING
LOCATION - LAT 48 42 27 N
LONG 85 54 39 W
DRAINAGE AREA, 201 km²

B - ICE CONDITIONS
E - ESTIMATED
REGULATED

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	2 750	JUL	872
FEB	1 480	AUG	2 340
MAR	1 220	SEP	2 810
APR	14 000	OCT	3 500
MAY	23 100	NOV	10 800
JUN	6 180	DEC	6 570

TOTAL DISCHARGE, 75 400 dam³

CEDAR RIVER BELOW WABASKANG LAKE - STATION NO. 05OE008

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1988

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	1.86	1.85	1.77	2.28	4.13	4.28	6.40	10.2	8.32	8.13	5.93	5.09	1
2	1.89	1.83	1.78	2.28	4.28	4.45	6.31	10.2	8.21	7.95	5.88	5.84	2
3	1.91	1.82	1.77	2.38	4.38	4.50	6.24	10.2	8.13	7.85	5.85	5.82	3
4	1.92	1.78	1.80	2.40	4.44	4.54	6.16	10.2	8.07	7.71	5.78	5.81	4
5	1.92	1.78	1.83	2.45	4.45	4.58	6.41	10.2	8.78	7.59	5.71	5.82	5
6	1.92	1.77	1.85	2.57	4.33	4.55	6.43	10.2	8.84	7.48	5.85	5.83	6
7	1.90	1.77	1.68	2.80	4.28	4.48	7.73	10.4	8.61	7.40	5.84	5.81	7
8	1.89	1.77	1.90	2.83	4.23	4.53	8.88	10.4	8.36	7.30	5.85	5.86	8
9	1.88	1.77	1.93	2.87	4.20	4.50	9.48	10.3	8.21	7.21	5.85	5.85	9
10	1.87	1.76	2.01	2.85	4.13	4.48	9.53	10.2	8.02	7.11	5.81	5.81	10
11	1.88	1.76	1.88	2.87	4.08	4.48	9.31	10.3	8.34	6.94	5.82	5.49	11
12	1.85	1.76	1.86	3.02	4.08	4.44	9.03	10.2	8.25	6.80	5.47	5.86	12
13	1.84	1.76	2.00	3.23	4.18	4.42	9.13	10.1	8.78	6.73	5.48	5.57	13
14	1.83	1.73	2.01	3.28	4.20	4.48	9.30	10.0	8.86	6.86	5.50	5.58	14
15	1.83	1.72	2.01	3.30	4.20	4.81	9.85	9.81	8.72	6.60	5.56	5.51	15
16	1.87	1.72	2.02	3.36	4.23	4.87	9.82	9.60	9.60	6.59	5.60	5.48	16
17	1.92	1.74	2.03	3.53	4.21	4.82	9.67	9.81	9.45	6.52	5.52	5.51	17
18	1.92	1.73	2.02	3.51	4.18	4.96	9.86	9.43	9.22	6.42	5.62	5.50	18
19	1.93	1.76	2.02	3.47	4.14	4.98	9.85	9.30	9.13	6.36	5.71	5.49	19
20	1.92	1.78	2.00	3.44	4.14	4.93	9.84	9.18	8.95	6.31	5.70	5.51	20
21	1.90	1.77	2.04	3.41	4.15	4.86	9.80	9.00	8.78	6.28	5.71	5.51	21
22	1.88	1.82	2.10	3.36	4.15	4.73	9.78	8.92	8.63	6.20	5.70	5.54	22
23	1.86	1.84	2.12	3.31	4.11	4.80	9.72	9.09	8.51	6.25	5.70	5.63	23
24	1.87	1.81	2.17	3.28	4.08	4.83	9.77	9.21	8.37	6.26	5.70	5.67	24
25	1.87	1.78	2.34	3.38	4.01	5.40	9.71	9.26	8.26	6.19	5.75	5.67	25
26	1.87	1.77	2.36	3.46	3.98	5.48	9.67	9.21	8.27	6.12	5.78	5.62	26
27	1.86	1.78	2.30	3.58	3.98	5.57	9.63	9.51	8.36	6.11	5.75	5.71	27
28	1.87	1.75	2.18	3.66	3.98	5.64	9.60	9.58	8.33	6.20	5.74	5.71	28
29	1.87	1.74	2.20	3.78	4.17	5.57	9.82	9.54	8.30	6.08	5.74	5.68	28
30	1.87		2.24	3.85	4.21	5.48	10.1	9.45	8.23	6.02	5.74	5.67	30
31	1.86		2.26		4.21		10.1	9.37		5.98		5.65	31
TOTAL	58.36	51.40	62.97	93.48	128.52	144.12	272.14	302.67	264.46	209.40	171.13	173.29	TOTAL
MEAN	1.88	1.77	2.03	3.12	4.18	4.80	8.78	9.76	8.82	6.75	5.70	5.59	MEAN
MAX	1.93	1.86	2.36	3.86	4.48	5.64	10.1	10.4	9.68	8.13	5.93	5.71	MAX
MIN	1.83	1.72	1.77	2.28	3.98	4.28	6.16	9.00	8.02	5.98	5.47	5.49	MIN

SUMMARY FOR THE YEAR 1988

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 5.28
MAXIMUM DAILY, 10.4 ON AUG 7
MINIMUM DAILY, 1.72 ON FEB 16
MAXIMUM INSTANTANEOUS,
10.5 AT 05:59 CST ON AUG 7

TYPE OF GAUGE - RECORDING
LOCATION - LAT 50 30 30 N
LONG 93 15 30 W
DRAINAGE AREA, 1 050 km²

NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	5 040	JUL	23 500
FEB	4 440	AUG	28 100
MAR	5 440	SEP	22 900
APR	8 080	OCT	18 100
MAY	11 200	NOV	14 800
JUN	12 500	DEC	15 000

TOTAL DISCHARGE, 167 000 dam³

CHIPPEWA CREEK AT NORTH BAY - STATION NO. 02DD014

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1988

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	0.235B	2.85 B	0.153B	2.45	0.688	0.244	0.188	0.117	0.316	0.677	0.289	0.500B	1
2	0.230B	2.10 B	0.152B	2.98	0.614	0.216	0.167	0.152	0.284	2.67	0.386	0.440B	2
3	0.222B	1.50 B	0.151B	4.71	0.548	0.191	0.134	0.120	0.256	1.23	0.375	0.400B	3
4	0.215B	1.10 B	0.150B	5.20	0.521	0.188	0.121	0.094	0.361	0.746	0.370	0.385B	4
5	0.210B	0.700B	0.149B	4.48	0.476	0.188	0.118	0.275	0.485	0.588	0.664	0.340B	5
6	0.200B	0.500B	0.148B	4.77	0.452	0.161	0.118	0.854	0.395	0.580	0.757	0.310B	6
7	0.195B	0.350B	0.151B	5.06	0.428	0.148	0.108	0.328	0.381	0.488	0.629	0.290B	7
8	0.190B	0.297B	0.158B	4.18	0.391	0.136	0.104	0.258	0.261	0.441	0.482	0.270B	8
9	0.185B	0.280B	0.200B	2.50	0.450	0.130	0.101	0.340	0.226	0.385	0.440	0.258B	9
10	0.182B	0.260B	0.400B	1.91	0.911	0.133	0.118	0.324	0.187	0.722	0.982	0.245B	10
11	0.178B	0.245B	0.350B	1.67	0.859	0.129	0.220	0.248	0.185	1.84	1.70	0.235B	11
12	0.173B	0.232B	0.320B	1.72	0.830	0.130	0.134	0.207	0.408	1.12	1.36	0.225B	12
13	0.171B	0.220B	0.300B	1.61	1.65	0.124	0.118	0.341	1.18	0.818	1.16	0.217B	13
14	0.170B	0.207B	0.270B	2.89	1.10	0.115	0.189	4.08	0.718	0.885	1.27	0.210B	14
15	0.170B	0.198B	0.248B	2.11	1.07	0.113	0.106	1.27	0.487	0.693	1.39	0.205B	15
16	0.180B	0.190B	0.230B	1.45	0.914	0.110	0.136	0.886	0.424	0.628	1.38	0.200B	16
17	0.200B	0.182B	0.218B	1.15	0.852	0.114	0.115	0.778	0.358	0.622	1.86	0.198B	17
18	0.222B	0.178B	0.210B	1.13	0.693	0.114	0.092	0.512	0.324	4.70	1.12	0.191B	18
19	0.235B	0.175B	0.185B	0.883	0.440	0.106	0.194	0.367	0.284	1.89	0.853	0.188B	19
20	0.246B	0.172B	0.190B	0.844	0.490	0.129	0.142	0.313	0.988	1.13	0.730	0.310B	20
21	0.248B	0.189B	0.180B	0.818	0.584	0.113	0.124	0.291	0.883	0.833	0.888	0.570B	21
22	0.238B	0.187B	0.178B	0.731	0.524	0.245	0.115	0.259	0.598	0.880	0.882	0.530B	22
23	0.208B	0.185B	0.330B	0.704	0.483	0.233	0.089	0.216	0.773	0.588	0.846	0.505B	23
24	0.188B	0.183B	0.780B	1.10	0.341	0.185	0.118	0.841	0.603	0.550	0.548	0.490B	24
25	0.172B	0.181B	1.70 B	0.898	0.285	1.18	0.187	1.04	0.389	0.574	0.518	0.450B	25
26	0.180B	0.189B	3.80 B	0.812	0.328	0.528	0.283	1.18	0.328	0.518	0.480	0.380B	26
27	0.191B	0.185B	2.40 B	0.777	0.401	0.330	0.246	0.623	1.03	0.450	1.18	0.330B	27
28	0.143B	0.187B	1.40 B	0.858	0.333	0.232	0.210	0.841	0.787	0.574	0.857	0.260B	28
29	0.140B	0.185B	1.25	0.864	0.288	0.205	0.159	0.689	0.531	0.562	0.725	0.250B	29
30	0.150B		1.54	0.838	0.246	0.193	0.127	0.494	0.428	0.446	0.580B	0.225B	30
31	0.250B		2.05		0.243		0.112	0.381		0.387		0.215B	31
TOTAL	5.052	13.380	20.430	83.081	17.052	6.327	4.523	15.712	14.818	28.403	24.788	8.817	TOTAL
MEAN	0.195	0.482	0.659	2.10	0.579	0.211	0.146	0.504	0.494	0.918	0.828	0.317	MEAN
MAX	0.250	2.85	3.80	5.06	1.65	1.18	0.346	4.08	1.18	4.70	1.70	0.570	MAX
MIN	0.140	0.155	0.149	0.704	0.243	0.108	0.089	0.094	0.185	0.385	0.370	0.189	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 0.624
MAXIMUM DAILY, 5.06 ON APR 7
MINIMUM DAILY, 0.089 ON JUL 23
MAXIMUM INSTANTANEOUS,
10.0 AT 05:34 EST ON AUG 14

SUMMARY FOR THE YEAR 1988

TYPE OF GAUGE - RECORDING
LOCATION - LAT 46 16 38 N
LONG 79 27 00 W
DRAINAGE AREA, 37.3 km²

B - ICE CONDITIONS

NATURAL FLOW

MONTHLY TOTAL DISCHARGE
IN CUBIC DECAMETRES

JAN	523	JUL	391
FEB	1 180	AUG	1 520
MAR	1 770	SEP	1 280
APR	5 480	OCT	2 480
MAY	1 580	NOV	2 140
JUN	547	DEC	848

TOTAL DISCHARGE, 19 700 dam³

CHUKUNI RIVER NEAR EAR FALLS - STATION NO. 05OC001

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1988

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	5.88B	5.88B	5.85B	5.88B	10.3	9.48	11.8	10.1	3.37	10.7	9.51E	15.9	1
2	5.88B	5.88B	5.85B	5.07B	10.6	9.47	11.7	9.49	3.97	11.7 A	13.9 E	15.7	2
3	5.86B	5.88B	5.85B	5.18B	11.2	9.85	11.3	9.01	4.50	11.8 E	16.8 E	15.7	3
4	5.84B	5.88B	5.85B	5.28B	11.5	10.6	11.0	9.05	4.53	11.5 E	17.4 E	15.4	4
5	5.84B	5.88B	5.85B	5.40B	11.5	11.0	10.9	8.68	4.52	11.2 E	17.7 E	15.2	5
6	5.83B	5.88B	5.85B	5.65B	10.8	11.1	11.1	8.33	4.27	11.0 A	17.8 E	15.1	6
7	5.83B	5.88B	5.85B	5.70B	10.5	10.8	11.6	8.08	3.72	11.0 A	17.7 A	15.1	7
8	5.81B	5.88B	5.85B	5.85B	10.8	9.43	12.8	8.53	3.23	10.9 A	17.8	15.8	8
9	5.81B	5.88B	5.85B	7.07B	11.3	9.86	13.0	8.18	3.60	10.7 A	17.8	15.5	9
10	5.80B	5.88B	5.85B	7.38B	11.1	10.3	13.1	7.71	4.18	10.8 E	17.7	15.4	10
11	5.78B	5.88B	5.85B	7.63B	9.21	10.5	12.1	7.89	3.81	10.4 E	17.7	15.1	11
12	5.78B	5.88B	5.85B	8.20B	8.55	10.8	11.1	7.40	4.35	10.4 E	17.2	15.08	12
13	5.78B	5.88B	5.85B	8.48B	8.89	11.1	11.0	7.15	5.53	10.3 E	17.2	14.88	13
14	5.78B	5.88B	5.85B	10.0 B	9.28	11.0	12.2	6.84	6.18	10.2 E	17.4	14.78	14
15	5.76B	5.88B	5.85B	9.71B	8.07	11.3	12.8	6.76	5.76	10.1 E	17.5	14.68	15
16	5.76B	5.88B	5.85B	9.51B	8.15	11.1	14.1	6.83	5.35	10.0 E	17.6	14.58	16
17	5.75B	5.88B	5.85B	10.1 B	8.10	10.5	14.3	6.09	5.66	9.86E	17.6	14.48	17
18	5.74B	5.88B	5.85B	10.5	7.86	10.3	13.8	5.84	6.05	9.89E	17.5	14.48	18
19	5.74B	5.85B	5.85B	10.5	7.67	11.2	13.2	5.37	6.51	9.83E	18.0	14.38	19
20	5.73B	5.85B	5.85B	10.2	8.38	12.1	12.7	4.88	7.12	9.78E	18.1	14.28	20
21	5.73B	5.85B	5.85B	9.93	8.83	11.0	12.6	4.26	6.77	9.83E	18.2	14.28	21
22	5.71B	5.85B	5.85B	9.61	8.88	11.0	12.0	3.48	6.45	9.88E	18.3	14.28	22
23	5.71B	5.85B	5.85B	9.38	9.34	10.2	11.1	3.15	7.08	10.2 E	18.2	14.28	23
24	5.70B	5.85B	5.85B	9.20	9.18	9.05	11.2	3.84	6.88	10.6 E	18.0	14.18	24
25	5.70B	5.85B	5.85B	9.30	8.78	11.4	11.2	4.83	6.81	11.0 E	18.1	14.18	25
26	5.70B	5.85B	5.70B	9.48	9.06	13.0	10.5	4.88	6.81	11.3 A	18.0	14.18	26
27	5.88B	5.85B	5.73B	9.84	9.23	13.1	10.4	4.70	7.36	10.4 A	18.0	14.08	27
28	5.89B	5.85B	5.76B	9.72	9.06	12.5	10.0	5.00	7.40	10.1 E	17.6	14.08	28
29	5.89B	5.85B	5.80B	9.62	9.03	11.9	10.4	4.83	7.32	9.94E	17.3	14.08	29
30	5.89B		5.85B	10.1	9.29	11.6	10.9	4.17	7.88	9.76E	17.3	13.88	30
31	5.88B		5.83B		9.32		10.3	3.48		9.67E		13.98	31
TOTAL	178.87	164.24	176.07	257.43	282.48	328.86	385.9	198.63	157.14	324.74	518.91	482.6	TOTAL
MEAN	5.76	5.86	5.66	8.58	9.43	10.9	11.8	6.41	5.57	10.5	17.3	14.9	MEAN
MAX	5.88	5.89	5.83	10.5	11.5	13.1	14.3	10.1	7.88	11.8	18.3	16.9	MAX
MIN	5.69	5.85	5.66	5.99	7.86	9.05	10.0	3.15	3.23	9.67	9.51	13.9	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 9.38
MAXIMUM DAILY, 18.3 ON NOV 22
MINIMUM DAILY, 3.15 ON AUG 23

SUMMARY FOR THE YEAR 1988

TYPE OF GAUGE - RECORDING
LOCATION - LAT 50 52 20 N
LONG 93 28 00 W
DRAINAGE AREA, 4 820 km²
A - MANUAL GAUGE
B - ICE CONDITIONS
E - ESTIMATED
REGULATED SINCE 1984

MONTHLY TOTAL DISCHARGE
IN CUBIC DECAMETRES

JAN	15 400	JUL	31 800
FEB	14 200	AUG	17 200
MAR	15 200	SEP	14 400
APR	22 200	OCT	28 100
MAY	28 300	NOV	44 800
JUN	28 200	DEC	40 000

TOTAL DISCHARGE, 297 000 dam³

CLYDE RIVER AT GORDON RAPIDS - STATION NO. 02KF013

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1988

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	3.23	2.06	2.19	11.6	7.23A	4.01	0.347	0.115	0.088	0.033	0.370	2.91	1
2	3.26	2.80	2.11	13.3 A	7.61A	3.70	0.367	0.084	0.084	0.038	0.407	2.87	2
3	3.22	2.56	2.01	14.8 A	8.02A	3.57	0.402	0.078	0.081	0.043	0.521	2.76	3
4	3.14	2.52	1.98	19.6 A	7.78A	3.37	0.382	0.064	0.078	0.048	0.567	2.02	4
5	2.94	2.43	1.87	25.3 A	7.36A	3.04	0.353	0.054	0.080	0.052	0.614	1.52	5
6	2.70	2.40	1.82	23.7 A	6.88A	2.80	0.380	0.054	0.088	0.071	0.852	1.28	6
7	2.46	2.28	1.84	23.2 A	6.21A	2.24	0.341	0.056	0.086	0.073	0.906	1.26	7
8	2.31	2.21	2.06	22.1 A	5.88A	2.04	0.327	0.057	0.085	0.077	0.854	1.31	8
9	2.32	2.15	2.08	19.8 A	5.61A	1.57	0.341	0.051	0.083	0.070	0.857	1.21	9
10	1.80	2.12	2.19	18.3 A	5.34A	1.27	0.274	0.048	0.082	0.083	1.05	1.18	10
11	1.61	2.10	2.18	15.6 A	5.05A	1.22	0.237	0.053	0.082	0.107	1.11	1.11	11
12	1.58	2.21	2.10	12.7 A	4.88A	1.08	0.233	0.055	0.080	0.127	1.03	1.09A	12
13	1.65	2.32	2.04	11.6 A	4.60A	0.912	0.204	0.052	0.081	0.156	1.00	1.07A	13
14	1.61	2.28	1.95	9.72A	4.09A	0.773	0.178	0.050	0.080	0.185	1.04	1.10A	14
15	1.42	2.35	1.88	7.58A	4.00A	0.675	0.168	0.051	0.048	0.189	0.978	1.18A	15
16	1.38	2.38	1.88	7.28A	4.00A	0.575	0.218	0.048	0.047	0.188	0.873	1.14A	16
17	1.38	2.38	1.78	8.88A	4.03A	0.428	0.221	0.050	0.048	0.190	1.03	1.09	17
18	1.60	2.33	1.75	8.69A	4.11A	0.420	0.183	0.048	0.045	0.328	1.04	1.12	18
19	1.62	2.27	1.73	8.61A	4.48A	0.385	0.181	0.048	0.048	0.364	0.828	1.08	19
20	1.77	2.33	1.70	8.81A	4.92A	0.380	0.174	0.047	0.046	0.333	0.815	1.06	20
21	1.88	2.42	1.83	5.89A	5.43A	0.308	0.152	0.048	0.044	0.286	1.09	1.10	21
22	1.88	2.44	1.83	5.29A	5.98A	0.278	0.140	0.044	0.042	0.313	1.15	1.13	22
23	1.78	2.71	1.68	4.69A	6.18A	0.288	0.137	0.044	0.041	0.353	1.23	1.11	23
24	1.75	2.82	1.80	4.63A	6.10A	0.220	0.123	0.052	0.040	0.388	1.18	1.14	24
25	1.77	2.78	1.74	4.61A	5.98A	0.232	0.184	0.055	0.039	0.403	1.15	1.19	25
26	1.73	2.58	3.33	4.61A	5.73A	0.267	0.140	0.058	0.038	0.381	1.08	1.22	26
27	1.84	2.80	5.89	4.87A	5.48A	0.233	0.135	0.048	0.038	0.406	1.17	1.19	27
28	1.85	2.38	11.2	4.81A	5.10	0.221	0.128	0.078	0.036	0.395	1.48	1.29	28
29	1.48	2.26	12.7	5.43A	4.85	0.271	0.138	0.103	0.036	0.407	2.03	1.39	29
30	1.45		12.0	6.44A	4.84	0.277	0.111	0.083	0.033	0.388	2.38	1.31	30
31	1.53		12.1		4.42		0.111	0.093		0.381		1.33	31
TOTAL	81.09	69.20	105.18	334.42	171.40	38.877	7.005	1.900	1.882	8.786	31.201	42.72	TOTAL
MEAN	1.87	2.39	3.39	11.1	5.53	1.22	0.228	0.081	0.082	0.218	1.04	1.38	MEAN
MAX	3.26	2.82	12.7	25.3	8.02	4.01	0.402	0.115	0.088	0.407	2.38	2.87	MAX
MIN	1.35	2.06	1.68	4.61	4.00	0.220	0.111	0.044	0.033	0.033	0.370	1.08	MIN

SUMMARY FOR THE YEAR 1988

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 2.37
MAXIMUM DAILY, 25.3A ON APR 5
MINIMUM DAILY, 0.033 ON SEP 30
MAXIMUM INSTANTANEOUS,
25.8A AT 07:00 EST ON APR 7

TYPE OF GAUGE - RECORDING
LOCATION - LAT 45 08 04 N
LONG 76 37 52 W
DRAINAGE AREA, 280 km²
A - MANUAL GAUGE

REGULATED

REMARKS - DATA FOR APR 2-MAY 27 BASED ON REALTIME UNIT HOURLY READINGS

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	5 280	JUL	805
FEB	5 880	AUG	184
MAR	9 080	SEP	134
APR	28 900	OCT	685
MAY	14 800	NOV	2 700
JUN	3 170	DEC	3 690

TOTAL DISCHARGE, 75 100 dam³

CLYDE RIVER NEAR LANARK - STATION NO. 02KF010

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1988

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	7.60B	4.65B	4.35B	38.8B	18.6	8.33	0.804	0.161E	0.255E	0.040E	1.67E	4.50E	1
2	7.00B	5.60B	4.10B	34.8B	17.6	5.76	0.663	0.137E	0.230E	0.068E	1.88E	4.78E	2
3	6.50B	5.55B	3.95B	36.3	16.9	5.29	0.768	0.134A	0.187E	0.118E	2.28E	4.88E	3
4	6.00B	5.40B	3.80B	41.3	16.2	4.83	0.718	0.114	0.178E	0.188E	2.37E	4.70E	4
5	5.60B	5.20B	3.70B	48.5	15.3	4.55	0.670	0.126	0.165E	0.208E	2.37E	4.00E	5
6	5.10B	4.95B	3.60B	52.5	14.5	4.04	0.601	0.121	0.151E	0.235E	3.38E	3.90E	6
7	4.80B	4.60B	3.85B	48.7	13.0	3.57	0.542	0.116	0.142E	0.230E	3.62E	3.20E	7
8	4.60B	4.50B	4.10B	45.1	12.1	3.20	0.513	0.110E	0.133E	0.229E	3.68E	2.97E	8
9	4.30B	4.35B	4.80B	41.2	11.1	2.81	0.485	0.103E	0.124E	0.226E	3.68E	2.71E	9
10	3.85B	4.30B	4.70B	38.7	10.3	2.43	0.456	0.097E	0.118E	0.237E	3.63E	2.59E	10
11	3.75B	4.40B	4.85B	33.0	9.74	2.20	0.412	0.091E	0.111E	0.250E	3.72E	2.48E	11
12	3.60B	4.60B	4.60B	28.4	9.20	2.06	0.408	0.088E	0.108E	0.263E	3.83E	2.37E	12
13	3.50B	4.80B	4.50B	24.0	8.62	1.82	0.378	0.078E	0.088E	0.278E	3.82E	2.41E	13
14	3.40B	4.80B	4.35B	21.6	8.24	1.56	0.332	0.074E	0.088E	0.293E	3.52E	2.44E	14
15	3.29B	5.00B	4.20B	19.4	7.76	1.33	0.261	0.088E	0.077E	0.304E	3.42E	2.51E	15
16	3.20B	5.05B	4.10B	17.2	8.25	1.14	0.248	0.088E	0.088E	0.327E	3.33E	2.48A	16
17	3.10B	5.10B	4.00B	16.3	8.32	0.940	0.273	0.081E	0.080E	0.350E	3.34E	2.48E	17
18	3.20B	5.05B	3.95B	15.5	8.33	0.886	0.263	0.057E	0.052E	0.440E	3.44E	2.41E	18
19	3.80B	4.85B	3.90B	14.5	8.37	0.756	0.272	0.063E	0.044E	0.500E	3.28E	2.42E	19
20	3.90B	5.00B	3.80B	14.0	10.5	0.671	0.264	0.048E	0.037E	0.540E	3.07E	2.49E	20
21	4.40B	5.20B	3.85B	13.7	12.1	0.626	0.258E	0.048E	0.030E	0.580E	3.04E	2.78E	21
22	4.30B	5.40B	3.50B	12.8	12.0	0.571	0.268E	0.043E	0.105E	0.640E	3.09E	2.78E	22
23	4.10B	5.60B	3.40B	11.4	11.7	0.618	0.278E	0.040E	0.150E	0.900E	3.10E	2.71E	23
24	3.85B	6.00B	3.80B	11.5	11.1	0.577	0.368E	0.085E	0.125E	1.30 E	3.17E	2.74E	24
25	3.70B	5.70B	4.85B	11.1	10.2	0.858	0.322E	0.130E	0.100E	2.06 A	3.17E	2.83E	25
26	3.55B	5.30B	8.80B	10.8	9.46	0.635	0.290E	0.180E	0.080E	2.03 E	3.10E	2.80E	26
27	3.45B	5.05B	20.8 B	10.9	8.98	0.648	0.282A	0.230E	0.080A	1.91 E	3.12E	2.78E	27
28	3.25B	4.80B	27.0 B	10.8	8.20	0.656	0.230	0.300E	0.040E	1.86 E	3.33A	3.00E	28
29	3.15B	4.60B	30.8 B	14.0	7.74	0.795	0.202	0.400E	0.030E	1.99 E	3.68E	3.02E	29
30	3.10B		32.7 B	18.2	7.57	0.800	0.181E	0.320E	0.020E	1.86 E	4.00E	3.02E	30
31	3.45B		34.3 B		8.93		0.188E	0.294A		1.72 E		3.01E	31
TOTAL	130.28	145.70	287.10	780.8	338.81	82.627	13.491	3.982	3.188	22.631	99.10	93.85	TOTAL
MEAN	4.20	5.02	9.28	26.0	11.0	2.08	0.403	0.127	0.108	0.727	3.17	3.03	MEAN
MAX	7.60	8.00	34.3	52.5	18.6	8.33	0.804	0.400	0.255	2.06	4.00	4.85	MAX
MIN	3.10	4.30	3.40	10.8	8.93	0.555	0.188	0.040	0.020	0.040	1.67	2.37	MIN

SUMMARY FOR THE YEAR 1988

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 8.34
MAXIMUM DAILY, 52.5 ON APR 6
MINIMUM DAILY, 0.020E ON SEP 30
MAXIMUM INSTANTANEOUS,
53.1 AT 03:12 EST ON APR 6

TYPE OF GAUGE - RECORDING
LOCATION - LAT 45 02 48 N
LONG 76 24 03 W
DRAINAGE AREA, 814 km²
A - MANUAL GAUGE
B - ICE CONDITIONS
E - ESTIMATED
REGULATED

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	11 300	JUL	1 080
FEB	12 900	AUG	341
MAR	22 200	SEP	274
APR	84 800	OCT	1 850
MAY	29 300	NOV	8 220
JUN	8 430	DEC	8 110

TOTAL DISCHARGE, 188 000 dam³

COLD CREEK AT ORLAND - STATION NO. 02HK007

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1988

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	0.9200	3.08 B	1.348	2.21	2.20	0.684	0.688	0.721	0.681	0.795	1.08	1.15	1
2	0.8758	2.38 B	1.488	3.00	1.88	0.697	0.682	0.701	0.787	1.02	1.03	1.05	2
3	0.8358	2.00 B	1.888	3.54	1.72	0.952	0.778	0.676	0.787	1.38	1.01	1.08	3
4	0.8058	1.77 B	1.498	5.89	1.60	1.03	0.712	0.857	0.945	1.04	0.949	1.00 B	4
5	0.7858	1.62 B	1.398	4.43	1.49	0.911	0.682	0.835	1.14	1.15	1.10	0.9108	5
6	0.7608	1.48 B	1.338	3.67	1.47	0.813	0.811	0.815	1.01	1.05	2.25	1.02	6
7	0.7358	1.42 B	1.268	3.20	1.37	0.788	0.588	0.847	0.888	0.940	2.12	1.12	7
8	0.7228	1.31 B	1.628	3.12	1.28	0.804	0.850	0.588	0.787	0.878	1.82	1.01 B	8
9	0.7038	1.28 B	2.328	2.89	1.33	0.768	0.828	0.887	0.738	0.883	1.77	0.9308	9
10	0.8908	1.19 B	4.078	2.38	1.62	0.710	0.822	0.894	0.707	0.907	1.63	0.8488	10
11	0.8808	1.12 B	4.788	2.20	1.43	0.688	0.834	0.888	0.884	1.41	1.81	0.7708	11
12	0.7588	1.08 B	3.558	2.09	1.28	0.882	0.878	0.895	0.881	1.18	1.38	0.7218	12
13	0.8108	1.02 B	2.708	2.08	1.39	0.857	0.801	0.886	0.744	0.991	2.04	0.6738	13
14	0.7458	0.9708	2.388	2.25	1.54	0.817	0.877	0.802	0.742	0.922	2.88	0.7088	14
15	0.7108	1.28 B	2.118	2.43	1.38	0.802	0.923	0.733	0.858	0.928	1.89	0.7308	15
16	0.7708	1.58 B	2.008	2.18	1.73	0.878	0.888	0.859	0.824	0.880	1.81	0.7038	16
17	0.8108	1.51 B	1.888	1.97	1.78	0.898	0.823	0.884	0.784	0.889	1.88	0.6858	17
18	1.20 B	1.44 B	1.778	2.01	1.83	0.880	0.998	0.818	0.902	1.18	1.43	0.6158	18
19	1.65 B	1.42 B	1.688	1.88	1.80	0.858	0.878	0.842	0.802	1.21	1.29	0.5908	19
20	4.18 B	1.38 B	1.628	1.74	2.81	0.858	0.762	0.859	0.959	1.01	1.42	0.7708	20
21	5.43 B	1.18 B	1.538	1.78	2.35	0.835	0.767	0.833	1.06	0.985	2.37	1.19 B	21
22	3.03 B	1.58 B	1.448	1.84	1.77	0.901	0.748	0.828	0.889	1.91	1.96	1.07 B	22
23	2.02 B	2.24 B	2.808	1.85	1.48	1.34	0.700	0.878	1.37	1.98	1.81	1.00 B	23
24	1.65 B	2.05 B	14.0	1.73	1.28	0.887	0.772	1.01	1.31	1.71	1.43	1.08 B	24
25	1.39 B	1.86 B	12.9	1.88	1.15	1.03	0.885	1.03	0.991	2.14	1.29	0.9908	25
26	1.23 B	1.71 B	26.1	1.85	1.13	1.08	1.26	1.08	0.882	1.89	1.23	0.9558	26
27	1.07 B	1.58 B	16.8	1.77	1.07	0.935	1.88	0.885	0.788	1.33	1.25	0.9388	27
28	0.9708	1.48 B	5.88	2.08	1.02	0.883	1.30	0.857	0.840	1.38	1.24	3.50 B	28
29	0.8008	1.42 B	4.30	2.78	0.988	0.890	0.943	1.14	0.772	1.45	1.21	3.29 E	29
30	1.54 B		4.28	2.77	0.984	0.883	0.831	1.02	0.778	1.24	1.18	2.30 B	30
31	4.83 B		3.87		0.858		0.784	0.880		1.08		1.98 B	31
TOTAL	44.005	45.380	134.99	75.08	48.078	24.180	24.485	22.148	26.048	37.500	48.378	35.401	TOTAL
MEAN	1.42	1.58	4.35	2.50	1.49	0.805	0.788	0.714	0.888	1.21	1.84	1.14	MEAN
MAX	5.43	3.08	25.1	5.89	2.51	1.34	1.88	1.14	1.37	2.14	2.89	3.50	MAX
MIN	0.680	0.970	1.28	1.85	0.858	0.658	0.522	0.528	0.824	0.785	0.948	0.590	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 1.53
MAXIMUM DAILY, 26.1 ON MAR 26
MINIMUM DAILY, 0.522 ON JUL 10
MAXIMUM INSTANTANEOUS,
26.7 AT 08:00 EST ON MAR 26

SUMMARY FOR THE YEAR 1988

TYPE OF GAUGE - RECORDING
LOCATION - LAT 44 08 04 N
LONG 77 47 17 W
DRAINAGE AREA, 189 km²

B - ICE CONDITIONS

NATURAL FLOW

MONTHLY TOTAL DISCHARGE
IN CUBIC DECAMETRES

JAN	3 800	JUL	2 110
FEB	3 930	AUG	1 910
MAR	11 700	SEP	2 250
APR	6 490	OCT	3 240
MAY	3 980	NOV	4 000
JUN	2 090	DEC	3 060

TOTAL DISCHARGE, 48 800 dam³

COLD CREEK NEAR BOLTON - STATION NO. 02HC023

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1988

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	0.263	0.892	0.2858	0.510	0.341	0.238	0.205	0.217	0.213	0.234	0.291	0.250	1
2	0.2788	0.426	0.2808	0.478	0.308	0.244	0.208	0.207	0.210	0.482	0.300	0.249	2
3	0.2658	0.3508	0.291	1.01	0.3088	0.234	0.207	0.201	0.228	0.294	0.288	0.251	3
4	0.2608	0.3008	0.2938	1.88	0.2888	0.232	0.202	0.232	0.611	0.263	0.286	0.252	4
5	0.2538	0.2788	0.3308	1.01	0.287	0.222	0.203	0.219	0.350	0.264	0.278	0.251	5
6	0.2478	0.2658	0.400	0.737	0.290	0.217	0.200	0.204	0.240	0.248	0.278	0.241	6
7	0.2458	0.2558	1.58	0.680	0.283	0.227	0.198	0.204	0.228	0.246	0.317	0.248	7
8	0.2408	0.2488	1.80 B	0.584	0.272	0.228	0.198	0.204	0.220	0.238	0.345	0.249	8
9	0.2368	0.2428	2.94	0.502	0.262	0.222	0.198	0.202	0.221	0.235	0.333	0.239	9
10	0.2358	0.2378	1.80	0.480	0.332	0.225	0.195	0.201	0.218	0.242	0.438	0.2368	10
11	0.2348	0.2328	1.31	0.388	0.320	0.221	0.200	0.277	0.217	0.258	0.358	0.2458	11
12	0.2318	0.2308	0.805	0.363	0.308	0.218	0.200	0.241	0.219	0.320	0.320	0.2308	12
13	0.2308	0.2288	0.680	0.354	0.288	0.238	0.198	0.218	0.228	0.311	0.518	0.2288	13
14	0.2288	0.2258	0.5608	0.388	0.272	0.218	0.198	0.218	0.227	0.283	0.408	0.2268	14
15	0.2258	0.4008	0.4808	0.393	0.310	0.212	0.198	0.225	0.223	0.281	0.383	0.2408	15
16	0.2228	0.5008	0.408	0.334	0.455	0.214	0.203	0.213	0.232	0.248	0.334	0.2388	16
17	0.378	0.447	0.455	0.324	0.331	0.212	0.224	0.234	0.438	0.240	0.336	0.232	17
18	1.07	0.384	0.475	0.347	0.303	0.215	0.211	0.219	0.258	0.377	0.282	0.230	18
19	0.804	0.3808	0.399	0.318	0.293	0.210	0.205	0.214	0.230	0.282	0.248	0.221	19
20	1.17	0.388	0.347	0.308	0.307	0.208	0.196	0.210	0.243	0.272	0.260	0.248	20
21	0.810	0.3808	0.3308	0.314	0.310	0.207	0.208	0.208	0.232	0.282	0.430	0.285	21
22	0.5008	0.3508	0.4808	0.295	0.294	0.378	0.232	0.211	0.225	0.343	0.324	0.242	22
23	0.3618	0.3408	1.35	0.311	0.284	0.256	0.218	0.222	0.261	0.313	0.298	0.260	23
24	0.327	0.3308	3.44	0.320	0.269	0.220	0.220	0.234	0.230	0.311	0.277	0.278	24
25	0.313	0.3238	2.31	0.298	0.255	0.218	0.223	0.244	0.221	0.291	0.280	0.282	25
26	0.3088	0.3188	2.07	0.311	0.253	0.213	0.231	0.226	0.222	0.283	0.268	0.247	26
27	0.3008	0.340	1.34	0.298	0.247	0.218	0.224	0.213	0.259	0.285	0.272	0.286	27
28	0.2988	0.458	0.845	0.312	0.237	0.217	0.204	0.217	0.284	0.294	0.268	0.518	28
29	0.2908	0.3208	0.638	0.388	0.237	0.210	0.201	0.220	0.235	0.295	0.264	0.310	29
30	0.2888		0.773	0.404	0.232	0.211	0.221	0.218	0.230	0.282	0.254	0.280	30
31	0.630		0.587		0.228		0.218	0.213		0.269		0.251	31
TOTAL	11.868	10.044	30.843	14.884	9.039	6.802	6.428	6.776	7.528	8.890	9.770	8.041	TOTAL
MEAN	0.373	0.348	0.988	0.485	0.282	0.227	0.207	0.218	0.251	0.287	0.328	0.259	MEAN
MAX	1.17	0.892	3.44	1.88	0.488	0.378	0.231	0.277	0.611	0.482	0.518	0.518	MAX
MIN	0.222	0.238	0.280	0.295	0.228	0.207	0.195	0.201	0.210	0.234	0.248	0.221	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 0.355
MAXIMUM DAILY, 3.44 ON MAR 24
MINIMUM DAILY, 0.195 ON JUL 19
MAXIMUM INSTANTANEOUS,
8.87 AT 23:38 EST ON MAR 23

SUMMARY FOR THE YEAR 1988

TYPE OF GAUGE - RECORDING
LOCATION - LAT 43 53 25 N
LONG 79 43 13 W
DRAINAGE AREA, 82.2 km²

B - ICE CONDITIONS
E - ESTIMATED
NATURAL FLOW

MONTHLY TOTAL DISCHARGE
IN CUBIC DECAMETRES

JAN	998	JUL	555
FEB	868	AUG	535
MAR	2 650	SEP	650
APR	1 260	OCT	788
MAY	781	NOV	844
JUN	588	DEC	995

TOTAL DISCHARGE, 11 200 dam³

COLDWATER RIVER AT COLDWATER - STATION NO. 02ED007

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1988

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	1.35 B	12.6 B	1.708	5.87	2.26	1.11	0.923	0.879	0.998	1.09	1.80	1.86	1
2	1.28 B	4.24	1.738	4.63	2.04	1.11	0.940	0.836	0.888	1.60	2.91	1.78	2
3	1.17 B	3.048	1.878	8.58	1.92	1.08	0.870	0.908	0.882	1.81	2.13	1.74	3
4	1.10 B	2.808	2.008	8.53	1.80	1.06	0.858	0.880	1.43	1.41	1.88	1.59	4
5	1.03 B	2.688	2.208	6.48	1.87	1.04	0.884	0.978	4.81	1.81	2.14	1.52	5
6	0.9888	2.588	2.808	4.87	1.82	1.01	0.831	0.885	2.17	1.68	3.90	1.52	6
7	0.9368	2.488	3.008	4.48	1.58	1.03	0.818	0.870	1.82	1.32	2.86	1.85	7
8	0.8808	2.408	3.308	4.28	1.80	1.03	0.808	0.891	1.30	1.23	2.23	1.55	8
9	0.8558	2.338	4.008	3.40	1.42	1.01	0.838	1.09	1.18	1.21	2.75	1.458	9
10	0.8308	2.298	4.508	3.09E	1.78	0.992	0.787	1.20	1.10	1.23	4.23	1.418	10
11	0.7888	2.238	3.508	3.03E	1.67	0.982	1.02	0.993	1.07	1.84	5.04	1.388	11
12	0.7708	2.208	3.208	3.02E	1.54	0.956	0.904	0.940	1.05	1.68	3.34	1.328	12
13	0.7558	2.188	3.658	2.98E	1.74	0.951	0.885	0.898	1.07	1.48	3.83	1.298	13
14	0.7408	2.168	3.108	3.30E	1.58	0.923	0.909	0.897	1.03	1.33	3.84	1.278	14
15	0.7308	2.408	2.808	3.75E	1.48	0.904	0.872	0.885	1.01	1.23	2.58	1.248	15
16	0.8408	3.408	2.158	2.88E	2.72	0.911	0.887	0.885	0.881	1.31	2.22	1.228	16
17	1.10 B	3.288	2.038	2.82E	2.23	0.918	0.877	1.02	1.05	1.36	2.11	1.208	17
18	1.60 B	2.958	1.938	2.83E	1.78	0.912	0.842	1.08	1.09	1.77	1.98	1.188	18
19	2.50 B	2.658	1.858	2.73E	1.63	0.914	0.817	0.958	1.02	1.62	1.82	1.408	19
20	2.30 B	2.308	1.808	2.68E	1.87	0.888	0.808	0.915	1.16	1.50	1.69	2.108	20
21	5.00 B	2.108	1.808	2.68E	2.75	0.873	0.881	0.874	1.21	1.42	2.81	4.208	21
22	4.10 B	1.858	2.108	2.63E	2.55	1.11	0.920	0.882	1.15	1.50	2.28	3.208	22
23	3.40 B	1.628	2.678	2.80E	1.85	1.24	1.02	0.889	1.45	1.52	2.03	2.858	23
24	2.90 B	1.738	4.85	4.40E	1.63	1.05	0.859	1.05	1.38	1.58	1.90	2.308	24
25	2.38 B	1.708	8.11	3.40E	1.88	1.08	0.824	1.90	1.20	1.64	1.79	2.008	25
26	2.05 B	1.688	14.6	2.48E	1.42	1.02	1.08	1.70	1.15	2.59	1.73	1.808	26
27	1.82 B	1.678	13.3	2.41A	1.34	0.978	1.34	1.38	1.13	2.37	1.76	1.718	27
28	1.72 B	1.678	5.20	3.12	1.27	0.882	1.00	1.29	1.19	2.07	1.70	3.308	28
29	1.68 B	1.688	5.33	2.70	1.20	1.03	0.938	1.17	1.12	1.88	1.70	3.008	29
30	3.60 B		7.75	2.70	1.18	0.943	0.872	1.13	1.08	1.82	1.72	2.808	30
31	12.2 B		8.87		1.14		0.888	1.08		1.74		2.408	31
TOTAL	83.278	79.08	125.80	110.84	53.82	29.973	28.158	32.214	36.878	49.31	73.87	58.72	TOTAL
MEAN	2.04	2.73	4.06	3.69	1.74	0.999	0.908	1.04	1.29	1.59	2.47	1.89	MEAN
MAX	12.2	12.6	14.6	8.53	2.75	1.24	1.34	1.90	4.81	2.59	5.04	4.20	MAX
MIN	0.740	1.67	1.70	2.41	1.14	0.873	0.787	0.880	0.881	1.08	1.70	1.18	MIN

SUMMARY FOR THE YEAR 1988

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 2.03
MAXIMUM DAILY, 14.6 ON MAR 26
MINIMUM DAILY, 0.7408 ON JAN 14
MAXIMUM INSTANTANEOUS,
14.8 AT 04:38 EST ON MAR 27

TYPE OF GAUGE - RECORDING
LOCATION - LAT 44 42 26 N
LONG 79 38 37 W
DRAINAGE AREA, 177 km²

A - MANUAL GAUGE
B - ICE CONDITIONS
E - ESTIMATED
NATURAL FLOW

MONTHLY TOTAL DISCHARGE
IN CUBIC DECAMETRES

JAN	5 470	JUL	2 630
FEB	5 630	AUG	3 760
MAR	10 800	SEP	3 340
APR	9 580	OCT	4 380
MAY	4 650	NOV	6 380
JUN	2 590	DEC	5 070

TOTAL DISCHARGE, 64 200 dam³

COLLINS CREEK NEAR KINGSTON - STATION NO. 02HM005

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1988

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	2.37 B	5.658	2.148	6.88	2.06	0.345	0.011	0.004	0.008	0.007	1.38	1.78	1
2	2.37 B	4.108	2.048	6.18	1.78	0.321	0.011	0.003	0.008	0.018	1.34	1.65	2
3	2.13 B	2.888	1.918	8.05	1.86	0.311	0.008	0.003	0.008	0.022	1.44	1.58	3
4	1.98 B	2.018	1.798	12.3	1.81	0.288	0.007	0.003	0.008	0.018	1.40	1.39 B	4
5	1.85 B	1.868	1.698	13.8	1.58	0.283	0.006	0.003	0.008	0.033	1.39	1.23 B	5
6	1.67	1.788	1.888	10.1	1.54	0.231	0.005	0.018	0.007	0.024	1.57	1.15 B	6
7	1.43 B	1.888	1.718	7.81	1.44	0.240	0.005	0.008	0.008	0.017	1.84	1.13	7
8	1.28 B	1.528	1.628	6.83	1.34	0.257	0.005	0.005	0.005	0.025	2.40	1.07	8
9	1.25 B	1.408	2.468	5.83	1.28	0.248	0.005	0.013	0.004	0.038	3.31	0.9508	9
10	1.33 B	1.288	5.318	5.18	1.33	0.211E	0.004	0.007	0.005	0.041	3.87	0.8228	10
11	1.21	1.188	7.808	4.80	1.08	0.170E	0.004	0.005	0.004	0.048	3.90	0.8958	11
12	1.18 B	1.048	8.408	4.10	0.987	0.145E	0.004	0.004	0.004	0.041	3.47	0.847	12
13	1.12 B	1.088	4.558	3.88	0.891	0.112E	0.004	0.004	0.005	0.033	3.04	0.4678	13
14	1.07 B	1.048	4.308	3.41	0.833	0.087E	0.005	0.004	0.005	0.030	2.92	0.3988	14
15	0.9738	1.068	3.878	3.24	0.737	0.071E	0.005	0.004	0.004	0.029	2.78	0.4048	15
16	0.9418	1.108	3.658	3.08	0.677	0.071E	0.004	0.004	0.004	0.035	2.55	0.3788	16
17	0.9608	1.128	4.328	2.88	0.631	0.087	0.005	0.004	0.005	0.024	2.14	0.3868	17
18	1.05	1.188	4.898	2.85	0.788	0.080	0.007	0.005	0.011	0.018E	2.18	0.3528	18
19	1.24	1.228	4.038	2.38	0.832	0.063	0.006	0.004	0.007	0.018E	1.94	0.3368	19
20	1.62	1.348	3.808	2.20	0.721	0.051	0.005	0.004	0.007	0.025	1.82	0.3718	20
21	2.71 B	1.438	3.208	2.14	0.798	0.043	0.005	0.004	0.006	0.038	2.28	0.5228	21
22	2.80 B	1.508	2.828	2.02	0.772	0.042	0.005	0.004	0.006	0.138	2.78	0.6598	22
23	2.18	2.078	2.54	1.80	0.731	0.043	0.005	0.003	0.010	0.444	3.97	0.6318	23
24	1.84	2.848	2.89	1.68	0.674	0.033	0.012	0.007	0.007	0.773	3.88	0.5388	24
25	1.65	2.688	13.1	1.78	0.594	0.022	0.007	0.007	0.006	1.17	3.63	0.5808	25
26	1.48 B	2.508	25.5	1.89	0.547	0.014	0.008	0.007	0.006	1.33	2.35	0.5388	26
27	1.28 B	2.438	25.2	1.63	0.502	0.013	0.008	0.006	0.006	1.59	2.14	0.5928	27
28	1.13 B	2.348	18.0	1.67	0.454	0.012	0.008	0.005	0.007	1.65	2.02	0.6958	28
29	1.07 B	2.238	11.4	1.74	0.428	0.012	0.005	0.007	0.006	1.98	1.97	0.7758	29
30	1.08		9.11	1.98	0.402	0.012	0.004	0.006	0.006	1.79	1.84	0.6458	30
31	2.24		7.85		0.384		0.004	0.007		1.58		0.5308	31
TOTAL	48.384	54.71	194.67	131.38	28.783	3.848	0.188	0.171	0.178	13.218	70.98	24.025	TOTAL
MEAN	1.56	1.88	6.27	4.38	0.880	0.128	0.006	0.006	0.008	0.428	2.37	0.775	MEAN
MAX	3.71	5.55	25.5	13.8	2.06	0.345	0.012	0.018	0.011	1.98	3.90	1.78	MAX
MIN	0.941	1.04	1.68	1.63	0.384	0.012	0.004	0.003	0.004	0.007	1.34	0.338	MIN

SUMMARY FOR THE YEAR 1988

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 1.56
MAXIMUM DAILY, 25.5 ON MAR 26
MINIMUM DAILY, 0.003 ON AUG 2
MAXIMUM INSTANTANEOUS,
29.6 AT 21:48 EST ON MAR 26

TYPE OF GAUGE - RECORDING
LOCATION - LAT 44 15 24 N
LONG 78 38 48 W
DRAINAGE AREA, 155 km²

B - ICE CONDITIONS
E - ESTIMATED
NATURAL FLOW

MONTHLY TOTAL DISCHARGE
IN CUBIC DECAMETRES

JAN	4 280	JUL	16.2
FEB	4 730	AUG	14.6
MAR	16 800	SEP	15.5
APR	11 400	OCT	1 140
MAY	2 570	NOV	8 130
JUN	332	DEC	2 080

TOTAL DISCHARGE, 49 500 dam³

COMMANDA CREEK NEAR COMMANDA - STATION NO. 02DD015

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1988

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	1.01 B	1.58 B	0.9008	6.408	2.73	0.832	0.108	0.048	0.235	0.231	1.85	2.26	1
2	0.9508	2.20 B	0.5958	6.808	3.46	0.580	0.108	0.038	0.184	1.72	1.77	3.00 B	2
3	0.9008	2.60 B	0.5408	7.308	2.21	0.521	0.098	0.030	0.151	1.73	1.81	1.74	3
4	0.8408	2.20 B	0.5758	13.3 B	1.84	0.469	0.088	0.033	0.150	1.30	1.58	1.68 B	4
5	0.8008	1.80 B	0.5858	15.6	1.72	0.431	0.084	0.189	0.471	1.48	2.14	1.77	5
6	0.7808	1.58 B	0.5808	13.6	1.58	0.387	0.085	0.438	0.508	2.28	2.02	1.43	6
7	0.7208	1.51 B	0.5558	14.8	1.42	0.348	0.073	0.308	0.428	2.07	1.78	1.32	7
8	0.8408	1.40 B	0.5528	14.7	1.27	0.308	0.065	0.207	0.325	1.54	1.82	1.21	8
9	0.8408	1.30 B	0.5708	11.2	1.21	0.262	0.063	0.248	0.274	1.23	1.88	1.13	9
10	0.8108	1.22 B	0.5208	8.88	1.54	0.201	0.070	0.402	0.214	1.05	2.84	1.08 B	10
11	0.8888	1.17 B	0.5708	7.48	1.89	0.200	0.067	0.342	0.174	1.58	8.33	1.04 B	11
12	0.8708	1.10 B	0.7008	6.82	1.88	0.184	0.072	0.248	0.158	2.20	5.87	1.02 B	12
13	0.8558	1.08 B	0.7008	6.13	4.28	0.160	0.058	0.173	0.265	1.90	5.18	1.00 B	13
14	0.8408	1.01 B	0.6708	5.03	5.48	0.135	0.062	0.160	0.314	1.53	5.17	0.9808	14
15	0.8358	0.9808	0.6408	8.28	4.50	0.110	0.091	0.159	0.263	1.28	4.72	0.9808	15
16	0.8388	0.9408	0.6008	5.80	3.73	0.104	0.080	0.143	0.215	1.08	4.18	0.9508	16
17	0.8708	0.8208	0.5708	5.20	3.87	0.101	0.059	0.143	0.201	1.01	3.75	0.9408	17
18	0.8408	0.8808	0.5508	4.81	2.37	0.084	0.050	0.144	0.187	3.89	3.28	0.9308	18
19	0.7428	0.8508	0.5308	4.47	1.98	0.088	0.080	0.104	0.182	5.59	2.84	0.8208	19
20	0.7808	0.8108	0.5108	4.05	1.77	0.080	0.087	0.101	0.189	4.30	2.27	1.11 B	20
21	0.8008	0.7808	0.4908	3.74	1.83	0.092	0.051	0.130	0.283	3.43	2.10	1.80 B	21
22	0.7808	0.7808	0.4808	3.47	1.88	0.080	0.050	0.105	0.299	2.72	1.82	1.45 B	22
23	0.7408	0.7408	0.5108	3.14	1.80	0.100	0.052	0.087	0.277	2.15	1.65	1.39 B	23
24	0.7008	0.7208	0.8008	3.51	1.28	0.080	0.059	0.108	0.252	1.88	1.58	1.43 B	24
25	0.8508	0.7008	1.07 B	4.02	1.14	0.183	0.080	0.518	0.226	1.77	1.50	1.38 B	25
26	0.8308	0.8508	2.20 B	3.81	1.05	0.175	0.058	0.925	0.170	1.84	1.43	1.31 B	26
27	0.8108	0.8508	3.00 B	3.52	0.989	0.138	0.080	0.708	0.161	1.73	2.58	1.28 B	27
28	0.8958	0.8408	4.20 B	3.40	0.885	0.129	0.089	0.538	0.165	2.06	3.56	1.24 B	28
29	0.8858	0.8208	5.40 B	3.34	0.805	0.103	0.081	0.430	0.154	2.50	3.01	1.19 B	29
30	0.8908		5.60 B	3.10	0.747	0.112	0.048	0.328	0.150	2.23	2.55	1.16 B	30
31	0.8408		5.80 B		0.889		0.041	0.284		1.89		1.13 B	31
TOTAL	21.605	33.420	41.382	204.43	81.817	8.800	2.132	7.840	7.194	63.271	83.84	40.030	TOTAL
MEAN	0.897	1.15	1.33	6.81	1.89	0.220	0.068	0.288	0.240	2.04	2.78	1.28	MEAN
MAX	1.01	2.80	5.80	15.6	5.48	0.832	0.108	0.838	0.508	5.59	8.33	3.26	MAX
MIN	0.835	0.820	0.480	3.10	0.889	0.080	0.041	0.030	0.151	0.231	1.43	0.820	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 1.87
MAXIMUM DAILY, 15.6 ON APR 5
MINIMUM DAILY, 0.030 ON AUG 3
MAXIMUM INSTANTANEOUS,
15.3 AT 01:45 EST ON APR 5

SUMMARY FOR THE YEAR 1988

TYPE OF GAUGE - RECORDING
LOCATION - LAT 45 56 55 N
LONG 79 38 24 W
DRAINAGE AREA, 108 km²

B - ICE CONDITIONS

NATURAL FLOW

MONTHLY TOTAL DISCHARGE
IN CUBIC DECAMETRES

JAN	1 870	JUL	183
FEB	2 880	AUG	886
MAR	3 570	SEP	622
APR	17 700	OCT	5 470
MAY	5 330	NOV	7 240
JUN	670	DEC	3 480

TOTAL DISCHARGE, 49 800 dam³

CONESTOGO RIVER ABOVE DRAYTON - STATION NO. 02GA038

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1988

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	1.15 B	42.3	1.11 B	6.83	1.82	0.284	0.088	0.154	0.050	0.057	1.30	2.18	1
2	1.00 B	6.908	1.05 B	6.19	1.38	0.228	0.084	0.114	0.048	0.201	1.27	1.87	2
3	0.9908	3.808	1.01 B	20.6	1.19	0.208	0.088	0.093	0.055	0.456	1.17	1.88	3
4	0.8208	2.408	0.9808	31.1	1.03	0.183	0.055	0.150	0.131	0.308	1.14	1.88	4
5	0.7508	1.908	0.8808	15.8	0.914	0.181	0.048	0.208	0.254	0.212	2.15	1.43	5
6	0.6808	1.608	0.8408	9.88	0.807	0.152	0.051	0.132	0.258	0.170	8.85	1.24	6
7	0.6808	1.408	1.20 B	6.83	0.884	0.135	0.048	0.092	0.188	0.148	8.03	1.35	7
8	0.6408	1.308	2.80 B	5.08	0.810	0.148	0.045	0.085	0.108	0.128	5.82	1.25 B	8
9	0.6208	1.228	5.00 B	3.33	0.635	0.157	0.041	0.057	0.102	0.122	8.12	0.9508	9
10	0.6008	1.158	11.0 B	2.85	1.03	0.137	0.037	0.058	0.071	0.137	18.4	0.8208	10
11	0.5858	1.118	12.0 B	2.05	0.813	0.114	0.038	0.088	0.082	0.530	14.9	0.8608	11
12	0.5758	1.078	11.7 B	1.84	0.712	0.098	0.035	0.098	0.085	0.858	7.85	0.8708	12
13	0.6008	1.058	8.20 B	1.52	0.650	0.090	0.041	0.122	0.088	0.492	15.8	0.8508	13
14	0.5858	1.018	4.00 B	1.66	0.618	0.074	0.041	0.101	0.088	0.381	13.9	0.8508	14
15	0.5508	1.308	2.85 B	2.02	0.808	0.087	0.038	0.072	0.083	0.288	7.23	0.8408	15
16	0.5558	2.008	2.15 B	1.84	5.81	0.083	0.073	0.083	0.058	0.220	5.38	0.4708	16
17	0.8008	3.508	1.80 B	1.41	10.2	0.059	0.089	0.155	0.138	0.199	5.38	0.4308	17
18	3.50 B	2.808	1.60 B	1.75	3.11	0.058	0.088	0.104	0.183	1.38	4.08	0.4108	18
19	5.00 B	2.458	1.45 B	1.58	1.88	0.087	0.055	0.084	0.139	1.88	2.78	0.4008	19
20	7.00 B	2.158	1.33 B	1.52	3.79	0.074	0.050	0.082	0.159A	0.941	3.05	1.30 B	20
21	10.9 B	2.008	1.24 B	2.48	10.4	0.062	0.053	0.080	0.185E	0.841	13.4	8.50 B	21
22	8.00 B	1.808	1.15 B	1.90	4.18	0.073	0.122	0.041	0.170E	0.588	7.81	2.40	22
23	3.50 B	2.008	3.50 B	1.82	2.08	0.107	0.251	0.040	0.205E	0.597	4.88	2.33	23
24	2.82	2.038	14.0 B	3.04	1.30	0.112	0.211	0.048	0.180E	0.737	3.38	2.81	24
25	1.98	1.808	50.5	2.48	0.956	0.088	0.158	0.088	0.150E	5.21	2.88	1.82	25
26	1.58	1.558	45.5	1.87	0.751	0.078	0.118	0.081	0.124A	8.95	3.27	1.10 B	26
27	1.33	1.408	30.9	1.77	0.608	0.088	0.083	0.088	0.098	5.63	2.81	1.30 B	27
28	1.10	1.238	8.84	1.75	0.505	0.063	0.078	0.085	0.085	5.83	2.59	7.00 B	28
29	0.980	1.188	12.2	1.68	0.408	0.070	0.080	0.071	0.080	4.72	2.22	5.00 B	29
30	2.01		15.3	2.38	0.352	0.072	0.088	0.082	0.085	3.40	2.08	3.50 B	30
31	31.0 B		8.57		0.298		0.232	0.055		1.55		2.30 B	31
TOTAL	88.330	97.60	253.840	148.15	80.138	3.333	2.827	2.739	3.588	47.587	179.82	88.350	TOTAL
MEAN	2.85	3.38	8.18	4.87	1.84	0.111	0.082	0.088	0.120	1.54	5.89	1.82	MEAN
MAX	31.0	42.3	50.5	31.1	10.4	0.284	0.251	0.205	0.258	8.95	18.4	7.00	MAX
MIN	0.955	1.01	0.840	1.41	0.285	0.058	0.035	0.040	0.048	0.057	1.14	0.400	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 2.67
MAXIMUM DAILY, 50.5 ON MAR 25
MINIMUM DAILY, 0.035 ON JUL 12
MAXIMUM INSTANTANEOUS,
101 AT 00:38 EST ON FEB 1

SUMMARY FOR THE YEAR 1988

TYPE OF GAUGE - RECORDING
LOCATION - LAT 43 45 58 N
LONG 80 38 30 W
DRAINAGE AREA, 272 km²
A - MANUAL GAUGE
B - ICE CONDITIONS
E - ESTIMATED
REGULATED SINCE 1982

MONTHLY TOTAL DISCHARGE
IN CUBIC DECAMETRES

JAN	7 630	JUL	218
FEB	8 430	AUG	237
MAR	21 900	SEP	310
APR	12 800	OCT	4 110
MAY	5 200	NOV	15 600
JUN	288	DEC	4 670

TOTAL DISCHARGE, 81 300 dam³

CONESTOGO RIVER AT GLEN ALLAN - STATION NO. 02GA026

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1986

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	13.7	10.5 B	3.25B	12.0	2.62	3.41	3.81	5.17	3.17	3.48	4.23E	15.5 E	1
2	10.5	21.0 B	3.25B	5.71	2.64	3.74	3.67	5.05	3.12	3.22	4.20E	15.5 E	2
3	10.5	12.0 B	3.25B	19.1	2.65	3.76	3.87	4.69	3.14	3.17	4.10E	15.0 E	3
4	10.2	3.00B	3.25B	54.3	2.65	3.76	4.06	4.71	3.12	3.14	4.05	14.3 E	4
5	8.82	3.50B	3.25B	64.0	2.78	3.70	4.16	4.56	3.12E	3.11	4.12	14.2 E	5
6	8.58	3.50B	3.25B	40.3	2.76	3.73	4.26	4.80	3.13E	3.15	4.14	7.80E	6
7	8.45	3.50B	3.25B	18.1	2.78	3.74	4.40	4.33	3.14E	3.17	4.08A	11.7 E	7
8	8.04	3.50B	2.93	11.0	2.82	3.76	4.55	4.34	3.08E	3.10	4.05E	11.4 E	8
9	8.62	3.50B	2.88B	2.85	2.87	3.74	4.74	4.25	3.05E	3.02	4.20E	11.0 E	9
10	8.52	3.50B	2.88B	2.81	2.89	3.70	4.84	4.17	3.07E	3.03	9.70E	10.5 E	10
11	8.19	3.50B	2.88B	2.78	2.83	3.86	4.83	4.17	3.08E	2.85A	10.4 E	9.70E	11
12	7.83	3.50B	4.93B	2.73	2.86	3.74	5.05	4.06	3.06	2.88E	10.5 E	8.65A	12
13	7.35	3.50B	2.61	2.70	2.95	3.75	5.28	4.05	3.04	2.79E	10.6 E	8.20E	13
14	8.87	3.50B	2.77	2.71	3.02	3.72	5.35	4.00	3.00	2.71A	12.0 A	7.81A	14
15	8.18	4.00B	2.84	2.70	3.06	3.75	5.57	3.82	2.99	2.84	16.4	7.06	15
16	5.30	4.80B	2.73	2.71	3.06	3.86	5.85	3.78	3.12	2.88	16.2	6.42	16
17	4.00	4.20B	3.50B	2.72	3.07	3.88	5.88	3.78	3.18	2.80	15.8	5.42	17
18	4.05	4.00B	4.84	2.86	3.06	3.86	6.02	3.77	3.09	2.82	16.5	3.89	18
19	5.64	3.90B	4.28	2.88	3.00	3.72	6.00	3.73	3.12	2.89	16.8	1.14	19
20	6.27	3.80B	4.30B	3.02	3.00	3.74	6.04	3.86	3.16	2.88	16.6	1.53	20
21	6.80B	3.40B	4.20B	3.14	3.01	3.75	6.17	3.83	3.06	2.80	16.6 A	3.13	21
22	6.70B	3.40B	4.10B	3.06	3.04	3.70	6.17	3.84	3.10	2.83	17.1 E	6.10	22
23	7.50B	3.40B	6.00B	3.04	3.06	3.70	6.08	3.87	3.09	2.48	16.2 A	5.84	23
24	7.57	3.40B	11.6	2.88	2.89	3.75	6.01	3.47	3.08	2.84A	16.1	3.88	24
25	7.50B	3.30B	23.2	2.88	2.98	3.87	5.97	3.40	3.08	2.86E	17.3	3.84	25
26	7.40B	3.30B	38.9	2.87	3.02	3.84	5.80	3.37	3.07	2.87E	16.4	4.77	26
27	7.30B	3.30B	25.0	2.83	3.00	3.75	5.77	3.40	3.04	2.82E	16.3	4.54	27
28	6.70B	3.25B	8.65	2.84	3.00	3.75	5.86	3.32	3.07	2.78E	15.8 A	4.06	28
29	6.20B	3.25B	7.80	2.82	3.01	3.72	5.86	3.20	3.05	4.23E	15.7 E	4.44	29
30	5.85		14.6	2.83	3.04	3.76	5.80	3.15	3.89	4.23E	15.8 E	5.15	30
31	7.77		21.6		3.03		5.27	3.15		4.23E		4.48	31
TOTAL	239.63	136.00	233.30	284.87	81.46	111.38	162.74	122.21	93.23	91.87	356.33	236.86	TOTAL
MEAN	7.73	4.89	7.53	9.50	2.85	3.71	5.25	3.94	3.11	2.87	11.9	7.63	MEAN
MAX	13.7	21.0	38.9	64.0	3.06	3.76	6.17	5.17	3.89	4.23	16.2	15.5	MAX
MIN	4.00	3.00	2.73	2.65	2.78	3.41	3.81	3.15	2.99	2.48	4.05	1.14	MIN

SUMMARY FOR THE YEAR 1986

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 5.80
MAXIMUM DAILY, 64.0 ON APR 5
MINIMUM DAILY, 1.14 ON DEC 19
MAXIMUM INSTANTANEOUS,
55.6 AT 17:25 EST ON APR 4

TYPE OF GAUGE - RECORDING
LOCATION - LAT 43 39 17 N
LONG 80 42 05 W
DRAINAGE AREA, 575 km²
A - MANUAL GAUGE
B - ICE CONDITIONS
E - ESTIMATED
REGULATED SINCE 1956

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	20 700	JUL	14 100
FEB	11 800	AUG	10 800
MAR	20 200	SEP	8 050
APR	24 600	OCT	7 950
MAY	7 800	NOV	30 800
JUN	9 520	DEC	20 400

TOTAL DISCHARGE, 187 000 dam³

CONISTON CREEK ABOVE WANAPITEI RIVER - STATION NO. 02DB007

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1986

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	0.485B	0.500B	0.425B	13.7 B	0.788	0.457	0.305E	0.105E	0.215E	1.80 E	1.79	1.60 B	1
2	0.467B	0.780B	0.420B	13.1 B	0.700	0.458	0.220E	0.130E	0.200E	4.20 E	1.71	1.24 B	2
3	0.475B	0.880B	0.416B	16.0 B	0.838	0.407	0.205E	0.115E	0.260E	3.60 E	1.62	1.05 B	3
4	0.470B	0.850B	0.417B	25.3	0.890	0.318	0.185E	0.110E	0.360E	1.85 E	1.51	0.870B	4
5	0.485B	0.820B	0.415B	17.6	0.824	0.280	0.165E	0.280E	0.315E	1.35 E	5.09	0.815B	5
6	0.458B	0.585B	0.414B	13.0	0.453	0.252	0.155E	0.215E	0.260E	1.10	8.25	0.870B	6
7	0.485B	0.575B	0.413B	13.1	0.408	0.236	0.145E	0.160E	0.260E	0.822	5.44	0.850B	7
8	0.450B	0.555B	0.430B	9.01	0.365	0.218E	0.135E	0.190E	0.245E	0.847	3.22	0.700B	8
9	0.445B	0.540B	0.500B	5.81	0.385	0.213E	0.130E	0.380E	0.230E	0.782	3.84 A	0.620B	9
10	0.440B	0.525B	0.620B	4.12	1.25	0.214E	0.350E	0.200E	0.218E	0.862	3.47	0.580B	10
11	0.438B	0.515B	0.570B	3.20	1.70	0.204E	0.255E	0.165E	0.212E	1.18	4.42	0.510B	11
12	0.428B	0.505B	0.550B	2.63	1.26	0.190E	0.195E	0.135E	0.300E	1.24	3.36	0.480B	12
13	0.430B	0.485B	0.520B	2.16	2.81	0.180E	0.250E	0.270E	0.700E	1.16	3.36	0.250B	13
14	0.429B	0.480B	0.505B	4.89	1.99	0.175E	0.320E	2.00 E	0.380E	1.01	3.80	0.241B	14
15	0.428B	0.462B	0.490B	4.55	2.02	0.165E	0.260E	1.00 E	0.350E	0.846	3.18	0.235B	15
16	0.435B	0.475B	0.478B	3.48	1.84	0.180E	0.205E	0.485E	0.240E	0.889	3.36	0.230B	16
17	0.460B	0.470B	0.460B	1.78	1.37	0.185E	0.185E	0.430E	0.260E	1.24	3.81	0.225B	17
18	0.480B	0.468B	0.450B	1.70	1.00	0.168E	0.170E	0.380E	0.255E	10.2	2.87	0.221B	18
19	0.475B	0.462B	0.440B	1.87	0.784	0.145E	0.160E	0.290E	0.245E	8.86	2.14	0.219B	19
20	0.480B	0.468B	0.430B	2.25	0.585	0.170E	0.245E	0.380E	1.14 E	3.43	1.71	1.43 B	20
21	0.475B	0.470B	0.425B	1.92	0.883	0.155E	0.220E	0.345E	0.880E	2.42	1.47	1.32 B	21
22	0.470B	0.475B	0.422B	1.84	1.03	0.840E	0.185E	0.295E	0.810E	2.36	1.23	1.05 B	22
23	0.463B	0.473B	0.422B	1.45	0.868	0.260E	0.165E	0.255E	1.00 E	2.02	1.07	0.740B	23
24	0.458B	0.465B	0.430B	1.76	0.734	0.250E	0.210E	0.270E	0.910E	2.43	1.00	0.530B	24
25	0.450B	0.465B	0.540B	1.80	0.834	1.00 E	0.210E	0.290	0.830E	3.83	0.955	0.440B	25
26	0.445B	0.445B	1.20 B	1.43	0.502	0.800E	0.190E	0.295	0.780E	2.84	1.04	0.378B	26
27	0.438B	0.440B	7.00 B	1.43	0.420	0.285E	0.202A	0.235	1.20 E	2.14	2.83	0.338B	27
28	0.436B	0.433B	6.80 B	1.15	0.358	0.228E	0.177	0.310	1.60 E	4.74	4.30	0.315B	28
29	0.432B	0.428B	5.65 B	1.12	0.318	0.280E	0.126	0.267	1.40 E	4.13	3.08 B	0.300B	29
30	0.430B		7.20 B	0.988	0.286	0.370E	0.120E	0.250E	1.30 E	2.71	2.26 B	0.280B	30
31	0.520B		14.6 B		0.328		0.110E	0.235E		2.04		0.262B	31
TOTAL	14.148	15.310	55.251	172.578	27.931	8.830	8.185	10.398	17.485	75.828	88.025	19.403	TOTAL
MEAN	0.456	0.528	1.78	5.75	0.901	0.294	0.189	0.335	0.583	2.45	2.83	0.626	MEAN
MAX	0.520	0.900	14.6	25.3	2.81	1.00	0.350	2.00	1.80	10.2	8.26	1.60	MAX
MIN	0.428	0.428	0.413	0.988	0.286	0.145	0.110	0.105	0.200	0.782	0.955	0.215	MIN

SUMMARY FOR THE YEAR 1986

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 1.40
MAXIMUM DAILY, 25.3 ON APR 4
MINIMUM DAILY, 0.105E ON AUG 1
MAXIMUM INSTANTANEOUS,
29.6 AT 15:43 EST ON APR 4

TYPE OF GAUGE - RECORDING
LOCATION - LAT 46 26 28 N
LONG 80 49 15 W
DRAINAGE AREA, 59.0 km²
A - MANUAL GAUGE
B - ICE CONDITIONS
E - ESTIMATED
NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	1 220	JUL	533
FEB	1 320	AUG	858
MAR	4 770	SEP	1 510
APR	14 900	OCT	6 550
MAY	2 410	NOV	7 610
JUN	763	DEC	1 680

TOTAL DISCHARGE, 44 200 dam³

REMARKS - DATA PRIOR TO 1980 COLLECTED AND PUBLISHED BY ONT. MINISTRY OF THE ENVIRONMENT UNDER STATION NO. 02DB102

CONSECON CREEK AT ALLISONVILLE - STATION NO. 02HE002

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1988

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	0.871	1.42	1.438	7.05	0.870	0.117	0.008	0.003	0.001	0.005	0.029	0.112	1
2	0.673	1.17 B	1.238	5.85	0.815	0.113	0.008	0.002	0.001	0.005	0.029	0.115	2
3	0.788	0.713B	1.19	5.17	0.864	0.118	0.007	0.001	0	0.005	0.027	0.103	3
4	0.634	0.5008	1.238	5.84	0.845	0.125	0.005	0	0.003	0.005	0.025	0.108	4
5	0.5708	0.488	1.23	5.73	0.777	0.087	0.005	0	0.004	0.005	0.022	0.085	5
6	0.433	0.388	1.24	5.98	0.747	0.081	0.005	0	0.002	0.005	0.024	0.087	6
7	0.385	0.361	1.68	5.08	0.676	0.083	0.005	0	0.002	0.004	0.048	0.088	7
8	0.323	0.370	2.07	4.47	0.803	0.088	0.007	0	0.001	0.005	0.088	0.084	8
9	0.281	0.372	2.528	3.63	0.572	0.084	0.008	0	0.001	0.005	0.083	0.090	9
10	0.267	0.388	3.478	2.98	0.518	0.083	0.005	0	0	0.005	0.072	0.077	10
11	0.288	0.3528	4.738	2.57	0.485	0.068	0.008	0	0	0.005	0.073	0.068	11
12	0.287	0.3808	4.688	2.29	0.441	0.038	0.004	0	0	0.004	0.075	0.054	12
13	0.287	0.3848	4.22	2.01	0.394	0.028	0.004	0	0.001	0.005	0.089	0.045	13
14	0.284	0.3928	3.878	1.81	0.374	0.022	0.005	0	0.001	0.005	0.121	0.048	14
15	0.197	0.418	3.618	1.78	0.388	0.018	0.005	0	0	0.005	0.105	0.045	15
16	0.185	0.410	3.368	1.63	0.388	0.014	0.005	0	0	0.005	0.102	0.042	16
17	0.150	0.436	3.628	1.48	0.340	0.018	0.007	0	0.001	0.007	0.102	0.038	17
18	0.277	0.453	3.388	1.34	0.339	0.012	0.005	0	0.002	0.005	0.087	0.030	18
19	0.332	0.494	3.108	1.24	0.351	0.009	0.005	0	0.002	0.005	0.084	0.030	19
20	0.764	0.891	2.868	1.11	0.452	0.008	0.008	0	0.002	0.007	0.125	0.028	20
21	1.48	0.6108	2.578	0.988	0.477	0.007	0.005	0	0.002	0.007	0.283	0.033	21
22	1.01 B	0.636	2.078	0.838	0.428	0.008	0.005	0	0.002	0.010	0.198	0.041	22
23	0.836	1.37 B	2.08	0.845	0.385	0.008	0.005	0	0.004	0.017	0.158	0.040	23
24	0.484	1.28 B	2.96	0.788	0.280	0.008	0.005	0.001	0.003	0.030	0.154	0.048	24
25	0.484	1.33 B	4.48	0.804	0.254	0.008	0.005	0.004	0.002	0.048	0.143	0.074	25
26	0.4388	1.37 B	12.0	0.761	0.222	0.008	0.006	0.003	0.003	0.080	0.138	0.070	26
27	0.3388	1.51 B	18.6	0.718	0.208	0.008	0.005	0.002	0.004	0.044	0.141	0.078	27
28	0.280	1.78 B	17.8	0.725	0.214	0.008	0.003	0.003	0.003	0.058	0.148	0.305	28
29	0.241	1.74 B	15.0	0.880	0.187	0.007	0.003	0.004	0.003	0.048	0.128	0.228	29
30	0.280		11.8	0.987	0.184	0.007	0.003	0.004	0.003	0.033	0.130	0.172	30
31	0.837		8.04		0.122		0.002	0.002		0.033		0.151	31
TOTAL	14.883	22.054	183.31	78.388	14.327	1.204	0.183	0.029	0.053	0.488	3.007	2.880	TOTAL
MEAN	0.474	0.788	4.95	2.88	0.482	0.040	0.005	0.001	0.002	0.015	0.100	0.085	MEAN
MAX	1.48	1.78	18.8	7.05	0.870	0.125	0.008	0.004	0.004	0.080	0.283	0.305	MAX
MIN	0.150	0.382	1.19	0.718	0.122	0.007	0.002	0	0	0.004	0.022	0.028	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 0.705
MAXIMUM DAILY, 18.8 ON MAR 27
MINIMUM DAILY, 0 ON AUG 4

SUMMARY FOR THE YEAR 1988

TYPE OF GAUGE - RECORDING
LOCATION - LAT 44 01 40 N
LONG 77 22 00 W
DRAINAGE AREA, 114 km²

B - ICE CONDITIONS

REGULATED SINCE 1988

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	1 270	JUL	14.1
FEB	1 810	AUG	2.51
MAR	13 200	SEP	4.56
APR	8 660	OCT	42.2
MAY	1 240	NOV	260
JUN	104	DEC	229

TOTAL DISCHARGE, 25 100 dam³

COPELAND CREEK NEAR PENETANGUISHENE - STATION NO. 02ED018

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1988

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	---	---	---	---	---	---	0.036	0.028	0.042	0.043	0.188E	0.088	1
2	---	---	---	---	---	---	0.028	0.028	0.038	0.088	0.210E	0.088	2
3	---	---*	---	---	---	---	0.028	0.028	0.037	0.038A	0.178E	0.087	3
4	---	---	---	---	---	---	0.033	0.025	0.084	0.080E	0.180E	0.084	4
5	---	---	---	---	---	---	0.030	0.025	0.104	0.078E	0.210E	0.073	5
6	---	---	---	---	---	---	---	0.027	0.026	0.084	0.078E	0.293E	0.077	6
7	---	---	---	---	---	---	0.042A	0.028	0.027	0.082	0.070E	0.170E	0.088	7
8	---	---	---	---	---	---	0.038	0.027	0.028	0.045	0.085E	0.120E	0.078	8
9	---	---	---	---	---	---	0.043	0.028	0.032	0.043	0.082E	0.088A	0.072	9
10	---	---	---	---	---	---	0.037	0.027	0.032	0.037	0.080E	0.445	0.0708	10
11	---	---	---	---	---	---	0.038	0.035	0.028	0.031	0.100E	0.383	0.088	11
12	---	---	---	---	---	---	0.038	0.032	0.030	0.032	0.133E	0.188	0.082	12
13	---	---	---	---	---	---	0.037	0.026	0.028	0.038	0.100E	0.268	0.085	13
14	---	---	---	---	---	---	0.034	0.042	0.027	0.035	0.088E	0.187	0.073	14
15	---	---	---	---	---	---	0.033	0.031	0.028	0.035	0.078E	0.128	0.073	15
16	---	---	---	---	---	---	0.031	0.034	0.030	0.035	0.070E	0.122	0.074	16
17	---	---	---	---	---	---	0.031	0.030	0.041	0.046	0.074E	0.108	0.072	17
18	---	---	---	---	---	---	0.032	0.026	0.032	0.045	0.117E	0.096	0.086	18
19	---	---	---	---	---	---	0.032	0.028	0.031	0.040	0.128E	0.088	0.086	19
20	---	---	---	---	---	---	0.033	0.029	0.030	0.043	0.110E	0.093	0.085	20
21	---	---	---	---	---	---	0.030	0.027	0.022	0.045	0.095E	0.135	0.256	21
22	---	---	---	---	---	---	0.044	0.026	0.026	0.048	0.098E	0.107	0.144	22
23	---	---	---	---	---	---	0.047	0.031	0.026	0.053	0.107E	0.108	0.133	23
24	---	---	---	---	---	---	0.032	0.036	0.044	0.047	0.140E	0.091	0.153	24
25	---	---	---	---	---	---	0.038	0.029	0.073	0.041	0.180E	0.084	0.144	25
26	---	---	---	---	---	---	0.032	0.037	0.058	0.038	0.303E	0.087	0.1058	26
27	---	---	---	---	---	---	0.034	0.034	0.045	0.049	0.240E	0.102	0.1128	27
28	---	---	---	---	---	---	0.036	0.028	0.037	0.041	0.200E	0.083	0.198	28
29	---	---	---	---	---	---	0.037	0.026	0.035	0.038	0.187E	0.085	0.184	29
30	---		---	---	---	---	0.032	0.028	0.046	0.039	0.180E	0.087	0.150	30
31	---		---	---	---	---		0.028	0.047		0.180E		0.123	31
TOTAL	---	---	---	---	---	---	---	0.938	1.048	1.330	3.541	4.702	3.185	TOTAL
MEAN	---	---	---	---	---	---	---	0.030	0.034	0.044	0.114	0.157	0.103	MEAN
MAX	---	---	---	---	---	---	---	0.042	0.073	0.104	0.303	0.445	0.256	MAX
MIN	---	---	---	---	---	---	---	0.026	0.022	0.031	0.038	0.083	0.082	MIN

SUMMARY FOR THE YEAR 1988

TYPE OF GAUGE - RECORDING
LOCATION - LAT 44 46 48 N
LONG 79 57 10 W
DRAINAGE AREA, 26.9 km²
A - MANUAL GAUGE
B - ICE CONDITIONS
E - ESTIMATED
NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	---	JUL	81.1
FEB	---	AUG	80.5
MAR	---	SEP	115
APR	---	OCT	308
MAY	---	NOV	408
JUN	---	DEC	278

REMARKS - STATION ACTIVATED JUN 1988

CREDIT RIVER ALTON BRANCH ABOVE ALTON - STATION NO. 02HB018

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1988

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	0.630 B	2.00 B	0.525 B	1.28	0.756	0.394	0.217	0.373	0.210	0.365	0.585	0.807	1
2	0.600	1.50 B	0.520 B	1.21	0.690	0.384	0.207	0.360	0.188	0.505	0.540	0.853	2
3	0.595	1.10 B	0.510 B	1.55	0.652	0.368	0.188	0.365	0.189	0.545	0.512	0.836	3
4	0.574	0.900 B	0.505 B	1.95	0.610	0.384	0.186	0.325	0.876	0.500	0.480	0.781	4
5	0.510	0.770 B	0.500 B	1.67	0.589	0.338	0.182	0.301	0.779	0.471	0.690	0.814	5
6	0.490 B	0.690 B	0.500 B	1.45	0.552	0.316	0.188	0.311	0.640	0.452	0.728	0.825	6
7	0.450 B	0.630 B	0.505 B	1.28	0.516	0.389	0.188	0.288	0.543	0.417	0.685	0.825	7
8	0.430 B	0.580 B	0.510 B	1.15	0.508	0.413	0.184	0.287	0.577	0.407	0.651	0.8178	8
9	0.420 B	0.550 B	0.540 B	1.01	0.541	0.383	0.169	0.267	0.502	0.388	0.877	0.8008	9
10	0.420 B	0.520 B	0.640 B	0.920	0.715	0.375	0.167	0.268	0.431	0.383	0.842	0.4708	10
11	0.430 B	0.500 B	0.850 B	0.840	0.883	0.351	0.180	0.278	0.381	0.448	0.817	0.4408	11
12	0.440 B	0.480 B	0.760 B	0.787	0.813	0.328	0.183	0.328	0.310	0.425	0.714	0.4258	12
13	0.450 B	0.470 B	0.670 B	0.751	0.894	0.306	0.168	0.327	0.285	0.403	0.893	0.4208	13
14	0.440 B	0.450 B	0.590 B	0.781	0.589	0.294	0.158	0.320	0.232	0.384	1.08	0.4308	14
15	0.430 B	0.460 B	0.640 B	0.780	0.568	0.273	0.148	0.301	0.208	0.372	0.887	0.4408	15
16	0.430 B	0.820 B	0.530 B	0.746	0.827	0.261	0.155	0.294	0.180	0.365	0.785	0.4398	16
17	0.480 B	0.787 B	0.520 B	0.714	0.826	0.242	0.162	0.295	0.423	0.368	0.778	0.4388	17
18	0.950 B	0.760 B	0.580 B	0.806	0.772	0.241	0.179	0.292	0.488	0.538	0.712	0.4508	18
19	0.800 B	0.700 B	0.640 B	0.772	0.749	0.241	0.188	0.281	0.551	0.548	0.638	0.4808	19
20	1.10 B	0.680 B	0.620 B	0.748	0.775	0.228	0.174	0.251	0.513	0.507	0.687	0.8308	20
21	0.900 B	0.580 B	0.510 B	0.788	0.785	0.212	0.208	0.224	0.501	0.481	0.902	0.8008	21
22	0.780 B	0.600 B	0.500 B	0.784	0.885	0.280	0.335	0.207	0.453	0.482	0.787	0.8508	22
23	0.800 B	0.670 B	0.650 B	0.781	0.809	0.323	0.386	0.203	0.483	0.486	0.716	0.8708	23
24	0.830 B	0.840 B	2.10 B	0.785	0.832	0.292	0.539	0.215	0.442	0.488	0.672	0.8808	24
25	0.800 B	0.800 B	2.50 B	0.745	0.685	0.274	0.493	0.200	0.408	0.582	0.639	0.8508	25
26	0.470 B	0.580 B	4.45	0.761	0.660	0.265	0.481	0.218	0.375	0.635	0.615	0.582	26
27	0.460 B	0.560 B	3.05	0.737	0.581	0.236	0.459	0.187	0.388	0.573	0.607	0.837	27
28	0.440 B	0.550 B	1.88	0.728	0.547	0.221	0.397	0.241	0.413	0.555	0.611	1.12	28
29	0.430 B	0.540 B	1.50	0.765	0.543	0.224	0.383	0.258	0.382	0.550	0.581	0.8008	29
30	0.420 B		1.63	0.831	0.488	0.211	0.370	0.231	0.370	0.579	0.587	0.8808	30
31	0.860 B		1.42		0.468		0.388	0.218		0.831		0.8208	31
TOTAL	17.119	20.757	31.505	28.889	18.788	9.015	7.822	8.428	12.451	14.745	21.008	17.288	TOTAL
MEAN	0.552	0.715	1.02	0.962	0.605	0.301	0.252	0.272	0.415	0.476	0.700	0.558	MEAN
MAX	1.10	2.00	4.45	1.95	0.927	0.413	0.539	0.373	0.779	0.638	1.08	1.12	MAX
MIN	0.420	0.450	0.500	0.714	0.343	0.211	0.148	0.187	0.189	0.365	0.480	0.420	MIN

SUMMARY FOR THE YEAR 1988

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 0.586
MAXIMUM DAILY, 4.45 ON MAR 26
MINIMUM DAILY, 0.148 ON JUL 15
MAXIMUM INSTANTANEOUS,
5.23 AT 03:34 EST ON MAR 26

TYPE OF GAUGE - RECORDING
LOCATION - LAT 43 51 14 N
LONG 80 05 02 W
DRAINAGE AREA, 59.5 km²

B - ICE CONDITIONS

REGULATED

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	1 480	JUL	675
FEB	1 790	AUG	726
MAR	2 720	SEP	1 080
APR	2 480	OCT	1 270
MAY	1 620	NOV	1 820
JUN	778	DEC	1 490

TOTAL DISCHARGE, 17 900 dam³

CREDIT RIVER AT BOSTON MILLS - STATION NO. 02HB018

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1988

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	3.308	23.5 B	3.338	7.15	4.64	2.56	1.84	1.78	1.83	2.17	2.65	2.85	1
2	3.208	10.5 B	3.308	8.72	4.21	2.54	1.81	1.71	1.81	3.50	2.70	2.83	2
3	3.108	6.008	3.308	9.86	3.82	2.52	1.70	1.78	2.07	4.08	2.56	2.858	3
4	3.088	5.008	3.308	17.5	3.73	2.51	1.84	1.83	4.03	3.29	2.47	2.808	4
5	3.008	4.808	3.338	12.6	3.64	2.43	1.89	1.71	5.70	3.06	3.26	2.708	5
6	2.908	4.208	3.408	9.31	3.45	2.38	1.84	1.80	4.84	2.74	5.26	2.85	6
7	2.858	3.908	3.558	7.87	3.38	2.85	1.85	1.83	3.85	2.86	4.29	2.82	7
8	2.808	3.808	3.808	8.83	3.26	3.03	1.44	1.86	3.00	2.49	3.87	2.858	8
9	2.748	3.308	4.408	8.12	3.27	2.78	1.48	1.74	2.80	2.41	4.24	2.858	9
10	2.708	3.208	7.208	5.47	4.10	2.89	1.44	1.74	2.70	2.74	4.80	2.388	10
11	2.858	3.158	5.008	5.14	4.30	2.48	1.81	1.72	2.49	2.88	5.24	2.388	11
12	2.708	3.058	4.808	4.90	3.87	2.28	1.83	1.78	2.49	2.58	4.07	2.378	12
13	2.808	3.058	4.308	4.78	3.58	2.15	1.81	1.78	2.49	2.48	5.41	2.388	13
14	2.708	3.308	4.008	4.86	3.45	2.08	1.81	1.78	2.47	2.29	5.40	2.358	14
15	2.608	4.408	3.808	5.13	3.50	1.98	1.80	1.88	2.27	2.24	4.72	2.388	15
16	2.658	5.308	3.808	4.66	5.47	2.06	1.82	1.87	2.15	2.19	3.86	2.348	16
17	3.008	4.618	3.408	4.49	5.86	1.98	1.81	1.78	6.23	2.22	3.60	2.338	17
18	5.008	4.208	3.808	4.73	5.43	1.89	1.82	1.74	4.85	3.19	3.21	2.328	18
19	4.508	3.708	3.408	4.65	4.88	1.88	1.89	2.02	3.85	3.39	2.83	2.308	19
20	5.408	3.458	3.108	4.42	5.07	1.87	1.87	2.01	3.04	2.86	3.42	2.838	20
21	6.208	3.358	2.958	4.83	5.23	1.78	1.81	1.84	2.79	2.84	5.83	3.808	21
22	5.508	3.608	2.808	4.43	4.85	2.01	2.25	1.85	2.84	3.08	4.72	3.208	22
23	4.708	4.008	6.06	4.36	4.28	2.40	2.87	1.91	2.84	3.08	3.86	3.408	23
24	4.308	3.858	23.3	4.70	3.73	2.22	2.86	2.15	2.87	3.21	3.49	3.308	24
25	4.008	3.708	22.5	4.49	3.38	2.00	2.76	2.23	2.38	3.38	3.27	3.208	25
26	3.808	3.808	26.5	4.26	3.37	1.91	2.63	2.41	2.21	3.83	3.13	3.358	26
27	3.608	3.488	22.3	4.18	3.06	1.88	2.51	2.30	2.19	3.33	3.06	3.708	27
28	3.308	3.408	11.1	4.26	2.85	1.79	2.24	2.13	2.70	3.14	3.07	6.008	28
29	3.158	3.358	8.98	4.44	2.78	1.79	2.07	2.10	2.42	2.95	3.02	6.008	29
30	3.008		8.76	4.99	2.77	1.80	1.88	2.06	2.20	2.73	2.80	4.508	30
31	18.5		8.34		2.63		1.85	2.05		2.88		4.008	31
TOTAL	119.80	138.24	225.83	181.74	123.84	66.27	67.13	59.23	89.38	88.93	116.14	84.07	TOTAL
MEAN	3.86	4.77	7.28	6.06	3.99	2.21	1.84	1.91	2.98	2.87	3.84	3.03	MEAN
MAX	14.5	23.5	26.5	17.5	5.86	3.03	2.76	2.41	6.23	4.05	6.40	6.00	MAX
MIN	2.65	3.05	2.90	4.18	2.63	1.76	1.44	1.80	1.81	2.17	2.47	2.30	MIN

SUMMARY FOR THE YEAR 1988

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 3.71
MAXIMUM DAILY, 26.5 ON MAR 26
MINIMUM DAILY, 1.44 ON JUL 8
MAXIMUM INSTANTANEOUS,
30.8 AT 17:33 EST ON MAR 26

TYPE OF GAUGE - RECORDING
LOCATION - LAT 43 46 26 N
LONG 79 55 39 W
DRAINAGE AREA, 402 km²

B - ICE CONDITIONS

REGULATED

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	10 600	JUL	4 940
FEB	11 900	AUG	5 120
MAR	19 500	SEP	7 720
APR	15 700	OCT	7 880
MAY	10 700	NOV	9 850
JUN	5 730	DEC	8 130

TOTAL DISCHARGE, 117 000 dam³

CREDIT RIVER AT ERINDALE - STATION NO. 02HB002

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1988

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	4.40B	80.0 E	5.80B	14.2	7.86	3.97	2.24	4.24	1.99	2.31	3.68	4.66	1
2	4.28B	35.0 E	5.80B	13.0	8.82	3.67	2.14	3.67	1.77	4.47	3.68	4.86	2
3	4.20B	18.0 B	5.80B	20.1	8.50	3.29	2.08	3.04	2.88	4.87	3.63	4.46	3
4	4.10B	10.0 B	8.00B	43.6	8.21	3.79	1.81	2.87	9.86	4.52	3.80	4.12	4
5	4.05B	8.40B	8.10B	27.6	8.84	3.62	1.85	2.45	7.24	4.12	5.77	4.23	5
6	4.00B	7.20B	8.40B	18.6	8.69	3.38	1.69	2.30	5.36	3.31	8.69	4.22	6
7	3.97B	8.70B	8.80B	18.1	8.64	4.28	1.87	2.35	3.88	3.00	8.71	4.25B	7
8	3.95B	8.40B	7.20B	13.8	8.28	4.78	1.81	2.34	3.11	2.78	8.70	4.00B	8
9	3.93B	8.10B	12.0 B	11.7	8.34	4.24	1.38	2.24	2.87	2.72	8.62	3.70B	9
10	3.90B	8.05B	21.8 B	10.1	8.08	3.78	1.38	2.12	2.85	3.26	8.84	3.40B	10
11	3.90B	8.80B	20.4	9.11	8.62	3.46	1.84	2.28	2.40	3.68	8.48	3.30B	11
12	4.08B	8.70B	17.2	8.86	8.11	3.23	2.81	2.86	2.38	3.16	8.70	3.23B	12
13	4.40B	8.50B	12.6	8.04	8.78	3.07	1.82	3.02	3.27	2.88	11.2	3.27B	13
14	4.20B	8.00B	10.3	8.03	8.48	2.81	1.80	2.70	2.46	2.81	11.6	3.33B	14
15	4.00B	8.00B	7.88	8.48	8.81	2.73	1.70	2.82	2.06	2.66	8.83	3.33B	15
16	3.90B	11.7 B	7.98	8.11	11.8	2.81	2.33	2.42	1.84	2.63	8.82	3.33B	16
17	8.00B	10.3 B	7.36	7.83	11.8	2.83	8.34	3.74	7.42	2.84	8.18	3.38B	17
18	12.0 B	8.10B	8.17	8.18	8.78	2.82	2.83	2.82	8.00	6.82	8.42	3.60B	18
19	10.8 B	7.00B	7.21	7.88	8.44	2.48	2.27	2.21	4.43	4.88	4.87	3.80B	19
20	14.0 B	8.20B	8.28	7.42	8.32	2.39	1.88	1.87	3.81	3.88	7.38	4.60B	20
21	17.0 B	8.00B	8.45	8.08	8.88	2.27	1.82	1.86	3.48	3.73	10.7	8.80B	21
22	12.0 B	8.80B	8.13	7.81	8.18	2.78	2.83	1.78	3.08	4.43	8.74	8.10B	22
23	8.00B	8.50B	7.80	7.37	7.15	3.01	3.68	2.34	3.73	4.07	8.84	8.00B	23
24	8.80B	7.40B	31.4	7.81	8.36	2.88	4.74	4.26	3.26	4.23	8.85	8.70B	24
25	8.80B	7.00B	42.1	7.34	8.87	2.82	4.28	4.09	2.82	4.20	8.38	8.25B	25
26	8.70B	8.40B	81.1	7.03	8.48	2.38	4.47	3.18	2.84	4.48	8.08	4.85B	26
27	8.80B	8.00B	80.2	7.00	8.11	2.27	3.87	2.48	2.80	4.30	8.08	8.00B	27
28	8.80B	8.85B	28.3	7.23	4.71	2.18	2.88	2.24	2.87	4.18	8.08	18.0 B	28
29	8.80B	8.80B	18.8	7.87	4.38	2.18	2.87	2.17	2.87	3.87	4.78	10.8	29
30	8.60B		18.1	8.71	4.17	2.18	3.74	2.18	2.88	3.73	4.72	8.40B	30
31	30.0 E		16.8		4.14		7.20	2.08		3.82		8.00B	31
TOTAL	204.80	288.00	470.73	348.28	204.88	91.37	83.78	82.98	107.81	115.88	187.41	184.49	TOTAL
MEAN	8.81	10.3	15.2	11.6	8.81	3.05	2.70	2.88	3.59	3.74	8.88	4.86	MEAN
MAX	20.0	80.0	81.1	43.6	11.8	4.78	7.20	4.34	9.86	8.82	11.8	18.0	MAX
MIN	3.90	5.80	5.13	7.00	4.14	2.18	1.38	1.78	1.77	2.31	3.43	3.20	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 8.45
MAXIMUM DAILY, 81.1 ON MAR 26
MINIMUM DAILY, 1.38 ON JUL 8
MAXIMUM INSTANTANEOUS,
73.6 AT 01:53 EST ON MAR 26

SUMMARY FOR THE YEAR 1988

TYPE OF GAUGE - RECORDING
LOCATION - LAT 43 32 34 N
LONG 79 39 26 W
DRAINAGE AREA, 795 km²

B - ICE CONDITIONS
E - ESTIMATED
REGULATED

MONTHLY TOTAL DISCHARGE
IN CUBIC DECAMETRES

JAN	17 700	JUL	7 240
FEB	25 700	AUG	7 170
MAR	40 700	SEP	9 300
APR	30 200	OCT	10 000
MAY	17 700	NOV	17 100
JUN	7 890	DEC	13 300

TOTAL DISCHARGE, 204 000 dam³

CREDIT RIVER AT NORVAL - STATION NO. 02HB025

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1988

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	---	---	---	---	---	---	---	---	---	---	3.78	4.88	1
2	---	---	---	---	---	---	---	---	---	---	3.78	4.80	2
3	---	---	---	---	---	---	---	---	---	---	3.70	4.60	3
4	---	---	---	---	---	---	---	---	---	---	3.84	4.41	4
5	---	---	---	---	---	---	---	---	---	---	4.74	4.33	5
6	---	---	---	---	---	---	---	---	---	---	8.84	4.43	6
7	---	---	---	---	---	---	---	---	---	---	9.04	4.48	7
8	---	---	---	---	---	---	---	---	---	---	8.88	4.10B	8
9	---	---	---	---	---	---	---	---	---	---	8.08	3.60B	9
10	---	---	---	---	---	---	---	---	---	---	7.18	3.20B	10
11	---	---	---	---	---	---	---	---	---	---	7.08	3.03B	11
12	---	---	---	---	---	---	---	---	---	---	8.87	3.03B	12
13	---	---	---	---	---	---	---	---	---	---	8.38	3.10B	13
14	---	---	---	---	---	---	---	---	---	---	8.10	3.18B	14
15	---	---	---	---	---	---	---	---	---	---	7.21	3.15B	15
16	---	---	---	---	---	---	---	---	---	---	6.04	3.17B	16
17	---	---	---	---	---	---	---	---	---	---	5.82	3.20B	17
18	---	---	---	---	---	---	---	---	---	---	5.34	3.40B	18
19	---	---	---	---	---	---	---	---	---	---	4.83	3.83B	19
20	---	---	---	---	---	---	---	---	---	---	5.53	4.38	20
21	---	---	---	---	---	---	---	---	---	---	7.82	5.04	21
22	---	---	---	---	---	---	---	---	---	---	8.85	4.30B	22
23	---	---	---	---	---	---	---	---	---	---	8.86	5.34	23
24	---	---	---	---	---	---	---	---	---	---	5.42	5.24	24
25	---	---	---	---	---	---	---	---	---	---	5.05	4.79	25
26	---	---	---	---	---	---	---	---	---	4.78A	4.82	4.40B	26
27	---	---	---	---	---	---	---	---	---	4.35	5.05	5.35	27
28	---	---	---	---	---	---	---	---	---	4.23	4.88	13.8	28
29	---	---	---	---	---	---	---	---	---	3.98	4.72	8.04	29
30	---		---	---	---	---	---	---	---	3.83	4.88	8.10B	30
31	---		---				---	---		3.80		5.80B	31
TOTAL	---	---	---	---	---	---	---	---	---	---	172.18	143.78	TOTAL
MEAN	---	---	---	---	---	---	---	---	---	---	5.74	4.64	MEAN
MAX	---	---	---	---	---	---	---	---	---	---	9.10	13.8	MAX
MIN	---	---	---	---	---	---	---	---	---	---	3.84	3.03	MIN

SUMMARY FOR THE YEAR 1988

TYPE OF GAUGE - RECORDING
LOCATION - LAT 43 38 55 N
LONG 79 51 22 W
DRAINAGE AREA, 615 km²
A - MANUAL GAUGE
B - ICE CONDITIONS

NATURAL FLOW

MONTHLY TOTAL DISCHARGE
IN CUBIC DECAMETRES

JAN	---	JUL	---
FEB	---	AUG	---
MAR	---	SEP	---
APR	---	OCT	---
MAY	---	NOV	14 800
JUN	---	DEC	12 400

REMARKS - STATION ACTIVATED OCT 1988

CREDIT RIVER ERIN BRANCH ABOVE ERIN - STATION NO. 02HB030

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1988

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	0.320B	2.58	0.435B	0.897	0.508	0.338	0.261	0.321	0.243	0.305	0.331	0.367	1
2	0.325B	1.08	0.430B	0.670	0.478	0.330	0.263	0.291	0.225	0.535	0.386	0.388	2
3	0.320B	0.850B	0.427B	1.27	0.464	0.333	0.262	0.309	0.263	0.446	0.330	0.343	3
4	0.318B	0.640B	0.424B	1.38	0.448	0.334	0.260	0.279	0.549	0.364	0.329	0.384	4
5	0.318B	0.520B	0.420B	0.957	0.438	0.327	0.251	0.278	0.698	0.385	0.452	0.391	5
6	0.318B	0.480B	0.420B	0.783	0.435	0.324	0.256	0.331	0.437	0.356	0.589	0.372	6
7	0.318B	0.430B	0.421	0.718	0.420	0.340	0.262	0.292	0.365	0.418	0.472	0.380	7
8	0.317B	0.420B	0.444	0.838	0.448	0.347	0.258	0.271	0.334	0.329	0.486	0.354	8
9	0.318B	0.410B	0.512	0.880	0.468	0.331	0.260	0.311	0.341	0.300	0.480	0.339	9
10	0.320B	0.407B	0.788	0.858	0.527	0.321	0.264	0.292	0.306	0.334	0.512	0.3388	10
11	0.322B	0.403B	0.881	0.827	0.490	0.315	0.265	0.333	0.378	0.382	0.574	0.3328	11
12	0.324B	0.400B	0.813	0.525	0.454	0.312	0.262	0.314	0.335	0.386	0.548	0.3308	12
13	0.328B	0.405B	0.526	0.521	0.444	0.306	0.258	0.285	0.335	0.340	0.732	0.3308	13
14	0.328B	0.440B	0.480B	0.566	0.422	0.286	0.263	0.284	0.303	0.323	0.656	0.3308	14
15	0.330B	0.580B	0.480B	0.559	0.505	0.294	0.245	0.261	0.268	0.298	0.470	0.3308	15
16	0.350B	0.710B	0.440B	0.508	0.731	0.288	0.287	0.260	0.282	0.284	0.441	0.3328	16
17	0.410B	0.580B	0.430B	0.487	0.583	0.278	0.287	0.280	1.08	0.285	0.424	0.3338	17
18	0.810B	0.550B	0.440B	0.558	0.562	0.280	0.280	0.263	0.682	0.401	0.373	0.3348	18
19	0.740B	0.520B	0.451	0.515	0.487	0.281	0.283	0.241	0.470	0.319	0.373	0.3508	19
20	1.00 B	0.500B	0.420B	0.532	0.492	0.286	0.280	0.245	0.411	0.289	0.491	0.5108	20
21	1.25 B	0.480B	0.378B	0.572	0.535	0.289	0.284	0.231	0.356	0.336	0.725	0.4208	21
22	0.600B	0.520B	0.370B	0.523	0.487	0.288	0.359	0.224	0.330	0.453	0.542	0.385	22
23	0.480B	0.580B	0.844	0.586	0.431	0.276	0.311	0.235	0.384	0.388	0.448	0.413	23
24	0.420B	0.640B	3.00	0.580	0.383	0.270	0.321	0.269	0.318	0.402	0.415	0.421	24
25	0.400B	0.500B	1.98	0.524	0.367	0.271	0.312	0.260	0.289	0.433	0.392	0.384	25
26	0.380B	0.480B	2.36	0.512	0.361	0.259	0.316	0.252	0.279	0.501	0.365	0.3708	26
27	0.380B	0.485B	1.43	0.508	0.362	0.260	0.289	0.264	0.302	0.542	0.411	0.4408	27
28	0.370B	0.490B	0.845	0.528	0.353	0.252	0.281	0.272	0.340	0.412	0.377	0.877	28
29	0.365B	0.440B	0.787	0.572	0.348	0.255	0.286	0.259	0.322	0.355	0.374	0.4408	29
30	0.360B		0.904	0.558	0.345	0.253	0.335	0.251	0.318	0.335	0.373	0.4058	30
31	1.80 B		0.758		0.334		0.341	0.251		0.328		0.3858	31
TOTAL	14.884	17.380	23.408	19.018	14.087	8.894	8.487	8.418	11.481	11.802	13.983	12.102	TOTAL
MEAN	0.478	0.598	0.755	0.634	0.454	0.296	0.274	0.272	0.383	0.374	0.466	0.390	MEAN
MAX	1.80	2.58	3.00	1.38	0.731	0.347	0.358	0.331	1.08	0.542	0.732	0.877	MAX
MIN	0.318	0.400	0.370	0.497	0.334	0.262	0.238	0.224	0.225	0.285	0.328	0.330	MIN

SUMMARY FOR THE YEAR 1988

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 0.447
MAXIMUM DAILY, 3.00 ON MAR 24
MINIMUM DAILY, 0.224 ON AUG 22
MAXIMUM INSTANTANEOUS,
3.78 AT 13:36 EST ON MAR 24

TYPE OF GAUGE - RECORDING
LOCATION - LAT 43 46 20 N
LONG 80 05 36 W
DRAINAGE AREA, 32.3 km²

B - ICE CONDITIONS

REGULATED

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	1 380	JUL	733
FEB	1 600	AUG	727
MAR	2 020	SEP	983
APR	1 640	OCT	1 000
MAY	1 220	NOV	1 210
JUN	788	DEC	1 080

TOTAL DISCHARGE, 14 100 dam³

CREDIT RIVER NEAR CATARACT - STATION NO. 02HB001

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1988

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	1.42B	8.05	1.32B	2.87	1.76	0.996	0.887	1.32	0.688	0.784	1.05	1.39	1
2	1.40B	3.83	1.32B	2.83	1.83	0.889	0.862	1.20	0.528	1.18	1.01	1.33	2
3	1.40	2.55B	1.31B	3.85	1.55	0.958	0.820	1.11	0.540	1.48	0.972	1.33	3
4	1.38B	2.20B	1.31B	6.04	1.45	0.954	0.725	0.982	1.45	1.18	0.954	1.22	4
5	1.38B	1.95B	1.30B	4.43	1.34	0.892	0.813	0.903	2.37	1.08	1.17	1.42	5
6	1.33	1.78B	1.33	3.49	1.33	0.863	0.887	0.960	1.58	0.988	2.14	1.44	6
7	1.33	1.67B	1.37	3.02	1.26	0.985	0.888	0.897	1.09	0.953	1.67	1.45	7
8	1.28	1.58B	1.47	2.71	1.24	1.15	0.805	0.832	1.02	0.884	1.57	1.38B	8
9	1.27	1.51	1.80	2.38	1.26	1.07	0.882	0.786	0.925	1.05	1.74	1.28B	9
10	1.28	1.45	2.83	2.13	1.75	1.00	0.886	0.743	0.857	1.05	2.08	1.24B	10
11	1.30	1.38	2.81	1.84	1.85	0.962	0.708	0.705	0.776	0.917	2.31	1.22B	11
12	1.22	1.32	2.28	1.85	1.52	0.885	0.745	1.14	0.731	0.902	1.83	1.20B	12
13	1.23B	1.32B	1.88	1.73	1.42	0.831	0.745	0.884	0.670	0.846	2.22	1.18B	13
14	1.21B	1.34B	1.73	1.77	1.40	0.828	0.779	0.745	0.615	0.783	2.74	1.16B	14
15	1.16	1.62	1.65	1.73	1.40	0.809	0.832	0.737	0.573	0.800	1.84	1.15B	15
16	1.20	1.82	1.61	1.83	2.20	0.784	0.851	0.688	0.554	0.767	1.61	1.14B	16
17	1.27	1.73	1.44	1.86	2.37	0.775	0.953	0.688	1.08	0.781	1.67	1.13B	17
18	2.20	1.58	1.52	1.87	1.93	0.784	0.825	0.734	1.18	1.18	1.40	1.12B	18
19	2.33	1.56	1.48B	1.76	1.76	0.745	0.871	0.833	1.10	1.36	1.26	1.11B	19
20	2.48	1.52B	1.40B	1.71	1.87	0.734	0.836	0.695	1.01	1.08	1.37	1.35	20
21	3.62	1.50B	1.38B	1.78	1.92	0.722	0.980	0.836	0.987	0.957	2.23	1.76	21
22	2.70B	1.58B	1.36B	1.76	1.84	0.908E	1.37	0.827	0.829	1.05	1.86	1.40	22
23	1.80B	1.64	1.40B	1.73	1.81	1.18	1.80	0.873	0.991	1.02	1.87	1.80	23
24	1.88B	1.58B	8.32	1.76	1.42	0.980	1.74	0.881	0.873	1.22	1.48	1.77	24
25	1.86	1.48B	7.88	1.86	1.38	0.883	1.86	0.811	0.869	1.31	1.43	1.81	25
26	1.62B	1.38	11.5	1.86	1.40	0.837	1.55	0.885	0.785	1.32	1.37	1.33	26
27	1.80B	1.36	8.38	1.86	1.15	0.831	1.48	0.858	0.788	1.16	1.45	1.84	27
28	1.47	1.34B	4.36	1.86	1.05	0.825	1.29	0.826	0.908	1.08	1.43	2.82	28
29	1.41	1.33B	3.59	1.86	1.00	0.857	1.18	0.838	0.880	1.13	1.38	2.08B	29
30	1.46		3.86	2.01	1.10	0.870	1.22	0.815	0.811	1.04	1.36	1.73B	30
31	3.80B		3.24		1.01		1.53	0.894		1.17		1.85B	31
TOTAL	51.48	54.81	88.85	66.62	47.02	28.810	31.011	23.963	28.191	32.493	47.886	44.54	TOTAL
MEAN	1.66	1.89	2.87	2.28	1.52	0.897	1.00	0.773	0.940	1.05	1.80	1.44	MEAN
MAX	3.80	8.05	11.5	6.04	2.37	1.18	1.74	1.32	2.37	1.48	2.74	2.82	MAX
MIN	1.16	1.32	1.30	1.63	1.00	0.722	0.606	0.527	0.528	0.787	0.954	1.11	MIN

SUMMARY FOR THE YEAR 1988

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 1.49
MAXIMUM DAILY, 11.5 ON MAR 26
MINIMUM DAILY, 0.527 ON AUG 22
MAXIMUM INSTANTANEOUS,
12.0 AT 10:01 EST ON MAR 26

TYPE OF GAUGE - RECORDING
LOCATION - LAT 43 50 08 N
LONG 80 01 21 W
DRAINAGE AREA, 205 km²

B - ICE CONDITIONS
E - ESTIMATED
REGULATED

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	4 450	JUL	2 880
FEB	4 740	AUG	2 070
MAR	7 880	SEP	2 440
APR	5 830	OCT	2 810
MAY	4 060	NOV	4 140
JUN	2 330	DEC	3 880

TOTAL DISCHARGE, 47 200 dam³

CREDIT RIVER NEAR ORANGEVILLE - STATION NO. 02HB013

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1988

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	0.388	2.43	0.395	0.843	0.508	0.222	0.155	0.218	0.210	0.228	0.252	0.488	1
2	0.361	0.670	0.3908	0.807	0.438	0.227	0.139	0.185	0.181	0.389	0.283	0.480	2
3	0.364	0.544	0.392	1.08	0.404	0.228	0.127	0.181	0.224	0.508	0.273	0.510	3
4	0.3848	0.508	0.407	1.48	0.238	0.207	0.118	0.148	0.858	0.340	0.278	0.488	4
5	0.3858	0.471	0.396	0.978	0.242	0.180	0.122	0.138	1.03	0.302	0.427	0.571	5
6	0.386	0.438	0.427	0.764	0.280	0.182	0.132	0.187	0.487	0.310	0.910	0.583	6
7	0.3878	0.412	0.462	0.895	0.257	0.240	0.117	0.183	0.329	0.289	0.803	0.578	7
8	0.3878	0.4028	0.532	0.853	0.255	0.350	0.118	0.186	0.275	0.245	0.681	0.552	8
9	0.3888	0.4038	0.818	0.584	0.247	0.285	0.123	0.180	0.248	0.523	0.858	0.524	9
10	0.3908	0.4058	0.957	0.487	0.386	0.247	0.122	0.184	0.234	0.329	0.818	0.5188	10
11	0.384	0.4008	0.727	0.433	0.451	0.218	0.125	0.285	0.238	0.271	0.833	0.5108	11
12	0.380	0.3988	0.638	0.457	0.428	0.180	0.148	0.802	0.235	0.287	0.880	0.5048	12
13	0.373	0.390	0.620	0.402	0.397	0.164	0.128	0.317	0.238	0.242	0.885	0.5038	13
14	0.380	0.381	0.493	0.300	0.380	0.164	0.122	0.238	0.248	0.211	1.00	0.5028	14
15	0.3888	0.521	0.464	0.157	0.380	0.180	0.118	0.228	0.322	0.208	0.828	0.5008	15
16	0.381	0.513	0.435	0.188	0.508	0.186	0.126	0.228	0.201	0.240	0.881	0.5008	16
17	0.384	0.488	0.427	0.358	0.871	0.189	0.180	0.263	0.420	0.213	0.847	0.501	17
18	0.837	0.454	0.481	0.428	0.888	0.168	0.148	0.257	0.457	0.414	0.817	0.512	18
19	0.723	0.448	0.437	0.472	0.495	0.161	0.127	0.224	0.304	0.438	0.481	0.513	19
20	1.08	0.428	0.403	0.448	0.493	0.137	0.116	0.185	0.302	0.282	0.834	0.841	20
21	1.26	0.414	0.384	0.438	0.518	0.138	0.128	0.177	0.323	0.251	0.984	0.744	21
22	0.857	0.458	0.381	0.425	0.528	0.268	0.341	0.205	0.281	0.282	0.871	0.548	22
23	0.458	0.537	1.17	0.418	0.433	0.404	0.408	0.218	0.351	0.280	0.871	0.847	23
24	0.414	0.458	3.08	0.408	0.394	0.271	0.268	0.240	0.294	0.431	0.850	0.880	24
25	0.3908	0.434	1.88	0.415	0.480	0.198	0.263	0.277	0.259	0.385	0.517	0.844	25
26	0.384	0.428	2.58	0.408	0.440	0.170	0.224	0.373	0.287	0.354	0.825	0.518	26
27	0.3808	0.428	1.38	0.405	0.291	0.155	0.188	0.302	0.262	0.331	0.848	0.573	27
28	0.3778	0.414	0.785	0.413	0.254	0.148	0.144	0.238	0.331	0.273	0.813	1.42	28
29	0.375	0.4008	0.730	0.473	0.235	0.153	0.124	0.214	0.295	0.320	0.487	0.895	29
30	0.532		0.830	0.520	0.204	0.155	0.149	0.223	0.257	0.285	0.476	0.852	30
31	1.71		0.734		0.204		0.338	0.218		0.248		0.526	31
TOTAL	15.783	15.188	24.084	15.814	12.052	8.072	5.138	7.301	9.873	9.648	17.432	17.903	TOTAL
MEAN	0.508	0.524	0.776	0.530	0.388	0.202	0.166	0.236	0.322	0.311	0.581	0.578	MEAN
MAX	1.71	2.43	3.08	1.48	0.871	0.404	0.408	0.802	1.03	0.523	1.00	1.42	MAX
MIN	0.354	0.380	0.380	0.157	0.204	0.137	0.116	0.138	0.191	0.208	0.252	0.480	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 0.427
MAXIMUM DAILY, 3.08 ON MAR 24
MINIMUM DAILY, 0.116 ON JUL 8
MAXIMUM INSTANTANEOUS,
4.07 AT 02:51 EST ON MAR 24

SUMMARY FOR THE YEAR 1988

TYPE OF GAUGE - RECORDING
LOCATION - LAT 43 53 29 N
LONG 80 03 47 W
DRAINAGE AREA, 62.2 km²

8 - ICE CONDITIONS

REGULATED

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	1 380	JUL	444
FEB	1 310	AUG	831
MAR	2 080	SEP	838
APR	1 370	OCT	834
MAY	1 040	NOV	1 510
JUN	525	DEC	1 550

TOTAL DISCHARGE, 13 800 dam³

CREDIT RIVER WEST BRANCH AT NORVAL - STATION NO. 02HB008

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1988

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	0.8808	4.34	0.7808	2.22	1.31	0.520	0.350	0.813	0.342	0.391	0.508	0.783	1
2	0.848	2.31	0.7508	2.03	1.20	0.477	0.328	0.583	0.335	0.788	0.483	0.787	2
3	0.8408	1.05 B	0.7858	2.83	1.14	0.475	0.388	0.571	0.585	0.627	0.483	0.727	3
4	0.8308	0.8808	0.7858	4.47	1.02	0.494	0.360	0.508	1.55	0.508	0.518	0.688	4
5	0.802	0.8008	0.7608	3.46	0.955	0.448	0.340	0.471	0.883	0.600	1.08	0.690	5
6	0.882	0.8808	0.8008	2.77	0.870	0.437	0.348	0.458	0.548	0.540	0.988	0.680	6
7	0.8408	0.8008	0.8408	2.48	0.857	0.573	0.317	0.388	0.470	0.510	0.948	0.712	7
8	0.8308	0.7708	1.40 B	2.18	0.838	0.803	0.308	0.387	0.454	0.485	1.22	0.8008	8
9	0.816	0.7308	2.70	1.87	0.844	0.532	0.304	0.377	0.437	0.453	0.982	0.5108	9
10	0.487	0.884	2.71	1.59	0.852	0.447	0.301	0.401	0.400	0.530	1.50	0.4408	10
11	0.488	0.880	3.18	1.48	1.01	0.438	0.421	0.588	0.380	0.702	1.20	0.3838	11
12	0.493	0.829	2.51	1.40	0.873	0.431	0.423	0.454	0.408	0.588	1.07	0.3808	12
13	0.528	0.8208	2.19	1.38	0.837	0.468	0.343	0.377	0.777	0.500	1.92	0.4008	13
14	0.436	0.8508	1.81	1.50	0.783	0.402	0.344	0.388	0.407	0.500	1.94	0.4048	14
15	0.448	0.8008	1.34	1.50	1.01	0.408	0.322	0.451	0.383	0.472	1.70	0.4138	15
16	0.484	1.07	1.30	1.43	2.00	0.400	0.382	0.358	0.382	0.444	1.28	0.4088	16
17	0.807	1.08	1.18	1.33	1.79	0.382	0.884	0.588	1.12	0.488	1.14	0.4028	17
18	1.38	0.987	1.25	1.48	1.38	0.374	0.374	0.415	0.824	1.21	0.847	0.412	18
19	1.07	0.828	1.18	1.39	1.22	0.370	0.385	0.384	0.488	0.838	0.848	0.481	19
20	2.41	0.9108	1.04	1.37	1.30	0.378	0.343	0.338	0.882	0.732	1.17	0.578	20
21	2.44	0.888	0.998	1.43	1.28	0.384	0.484	0.331	0.488	0.734	1.53	0.713	21
22	1.12	0.8108	0.867	1.42	1.21	0.478	0.458	0.330	0.433	0.828	1.49	0.881	22
23	1.18	0.8808	1.82	1.41	1.08	0.378	0.547	0.405	0.582	0.714	1.25	0.998	23
24	0.863	0.8408	4.72	1.38	0.901	0.359	1.15	0.518	0.471	0.744	1.02	0.738	24
25	0.781	0.8008	5.25	1.26	0.814	0.358	1.04	0.838	0.472	0.718	0.886	0.888	25
26	0.702	0.8808	6.81	1.28	0.748	0.347	0.838	0.432	0.482	0.708	0.848	0.588	26
27	0.631	0.8208	5.41	1.20	0.656	0.359	0.593	0.384	0.487	0.848	0.878	1.40	27
28	0.587	0.8008	3.32	1.34	0.805	0.358	0.505	0.384	0.458	0.688	0.820	2.73	28
29	0.583	0.7808	2.86	1.46	0.586	0.384	0.483	0.382	0.403	0.801	0.784	1.34	29
30	0.676		2.63	1.42	0.572	0.388	1.35	0.388	0.386	0.838	0.808	1.21	30
31	1.80		2.57		0.571		1.33	0.350		0.510		1.27	31
TOTAL	28.482	28.687	88.933	53.80	31.434	12.747	16.034	13.728	15.878	19.487	32.280	23.072	TOTAL
MEAN	0.822	1.02	2.16	1.79	1.01	0.425	0.517	0.443	0.533	0.828	1.08	0.744	MEAN
MAX	2.44	4.34	6.81	4.47	2.00	0.803	1.35	0.813	1.55	1.21	1.94	2.73	MAX
MIN	0.438	0.820	0.750	1.20	0.588	0.347	0.301	0.330	0.338	0.391	0.483	0.390	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 0.831
MAXIMUM DAILY, 6.81 ON MAR 26
MINIMUM DAILY, 0.301 ON JUL 10
MAXIMUM INSTANTANEOUS,
7.83 AT 14:58 EST ON MAR 26

SUMMARY FOR THE YEAR 1988

TYPE OF GAUGE - RECORDING
LOCATION - LAT 43 38 47 N
LONG 79 51 57 W
DRAINAGE AREA, 127 km²

8 - ICE CONDITIONS

REGULATED

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	2 200	JUL	1 390
FEB	2 580	AUG	1 180
MAR	5 780	SEP	1 380
APR	4 650	OCT	1 880
MAY	2 720	NOV	2 780
JUN	1 100	DEC	1 990

TOTAL DISCHARGE, 29 400 dam³

CROWE RIVER AT MARMORA - STATION NO. 02HK003

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1988

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	37.5	19.5	19.6	76.4	45.3	18.3	1.58	1.57	0.196	0.108	8.85	22.4	1
2	36.1	22.6	19.3	80.9	42.6	11.7	1.50	1.58	0.156	0.185	8.06	22.2	2
3	34.4	24.0	19.1	86.0	39.5	13.5	1.44	1.69	0.144	0.181	8.85	21.6	3
4	32.8E	24.5	18.7	91.1	39.6	14.1	1.37	1.85	0.180	0.184	7.76	21.2	4
5	31.3E	25.2	18.3	101	41.0	14.2	1.37	1.71	0.184	0.173	10.0	20.5	5
6	29.4	25.8	17.7	111	41.6	13.3	1.43	1.78	0.137	0.148	12.3	18.3	6
7	27.4	26.0	17.1	114	39.2	12.6	1.51	1.82	0.140	0.135	14.2	16.2	7
8	23.1	25.6	16.6	114	36.6	11.2	1.50	1.86	0.142	0.135	15.7	15.7	8
9	18.3	25.2	16.3	113	34.7	7.47	1.56	1.43	0.142	0.140	16.7	16.1	9
10	20.5	24.7	16.3	112	31.6	5.80	1.56	0.823	0.140	0.180	16.1	16.1	10
11	20.6	24.1	16.1	111	30.1	5.74	1.51	0.732	0.120	0.184	20.6	16.2	11
12	21.0	24.1	15.8	110	27.0	5.76	1.59	1.14	0.112	0.158	19.8	14.2	12
13	20.8	24.4	15.7	108	23.8	5.76	1.63	1.24	0.132	0.142	18.9	10.3	13
14	19.8E	23.7	15.6	102	23.6	5.73	1.60	1.31	0.117	0.141	18.8	8.48	14
15	18.7	24.3	15.3	88.0	23.6	5.73	1.62	1.28	0.116	0.131	18.6	8.48	15
16	17.3	24.6	15.2	83.6	24.1	4.85	1.58	1.24	0.098	0.141	20.7	8.83	16
17	16.6	24.1	15.1	86.1	24.8	3.33	1.58	1.32	0.112	0.144	24.5	10.4	17
18	15.6	23.8	15.1	77.6	26.7	3.18	1.61	1.19	0.117	0.201	26.3	10.5	18
19	15.7	23.6	15.0	73.2	28.0	3.20	1.58	1.15	0.114	0.171	25.7	10.7	19
20	17.4	25.0	14.8E	69.6	32.8	3.15	1.64	1.14	0.148	0.182	25.3	10.9	20
21	18.4	24.8E	12.5	67.2	36.2	2.24	1.67	1.15	0.152	1.73	25.7	11.2	21
22	18.7	24.2	11.3	67.7	36.2	1.26	1.73	1.09	0.128	5.07	25.7	11.4	22
23	18.8	25.2	12.1	67.0	35.8	1.68	1.72	1.15	0.172	8.81	25.7	11.1	23
24	19.0	27.7	14.3	62.7	35.0	1.55	1.75	0.982	0.148	8.81	25.8	10.3	24
25	19.2	28.7	16.6	57.4	34.2	1.62	1.64	0.808	0.131	14.1	25.8	10.8	25
26	18.0	24.8	24.0	54.5	33.8	2.14	1.72	0.268	0.112	13.7	26.2	10.7	26
27	16.7	23.3	34.0	48.3	31.7	2.45	1.66	0.222	0.111	11.8	26.8	11.0	27
28	16.3	22.5	46.1	50.0	29.7	1.64	1.75	0.198	0.106	10.5	26.4	12.4	28
29	17.7	20.6	58.8	48.1	28.0	1.55	1.67	0.216	0.087	9.58	24.7	12.8	29
30	17.0		69.6	45.8	27.1	1.52	1.66	0.176	0.087	8.77	22.7	13.2	30
31	17.5		74.7		24.8		1.60	0.188		7.77		13.7	31
TOTAL	679.6	706.1	705.6	2 458.3	1 012.9	185.77	49.38	33.617	4.000	102.522	591.03	429.10	TOTAL
MEAN	21.9	24.3	22.8	81.9	32.7	6.19	1.59	1.08	0.133	3.31	19.7	13.8	MEAN
MAX	37.5	27.7	74.7	114	45.3	18.3	1.75	1.85	0.196	14.1	26.8	22.4	MAX
MIN	16.5	19.5	11.2	45.8	23.6	1.26	1.37	0.188	0.087	0.108	6.06	8.48	MIN

SUMMARY FOR THE YEAR 1988

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 19.0
MAXIMUM DAILY, 114 ON APR 7
MINIMUM DAILY, 0.087 ON SEP 28
MAXIMUM INSTANTANEOUS,
115 AT 01:45 EST ON APR 8

TYPE OF GAUGE - RECORDING
LOCATION - LAT 44 28 54 N
LONG 77 41 08 W
DRAINAGE AREA, 1 990 km²

B - ICE CONDITIONS

REGULATED

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	58 700	JUL	4 270
FEB	61 000	AUG	2 900
MAR	61 000	SEP	345
APR	212 000	OCT	8 880
MAY	87 500	NOV	51 100
JUN	16 100	DEC	37 100

TOTAL DISCHARGE, 501 000 dam³

CROWE RIVER NEAR GLEN ALDA - STATION NO. 02HK005

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1988

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	7.208	5.36	4.58	13.8	13.8	7.15	1.17	0.263	0.195	0.157	2.62	4.43	1
2	7.008	5.41	4.51	14.1	13.8	6.52	1.08	0.220	0.173	0.188	2.74	4.38	2
3	6.808	4.88	4.52	15.9	13.1	6.16	0.982	0.178	0.156	0.233	2.63	4.33	3
4	6.858	5.07	4.47	18.7	12.8	5.83	0.878	0.187	0.158	0.253	2.54	4.02	4
5	6.508	4.82	4.41	25.3	12.1	5.46	0.799	0.185	0.239	0.268	2.63	3.88	5
6	6.408	4.78	4.36	29.7	11.6	5.12	0.754	0.178	0.307	0.282	2.86	4.21	6
7	6.358	4.78	4.35	32.7	11.1	4.82	0.710	0.250	0.276	0.307	3.06	4.22	7
8	6.108	4.84	4.28	34.8	10.6	4.55	0.683	0.264	0.211	0.321	3.08	3.84	8
9	5.308	4.80	4.28	36.0	10.2	4.12	0.644	0.201	0.168	0.348	3.22	3.36	9
10	5.008	4.81	4.30	35.8	10.2	3.80	0.628	0.286	0.181	0.367	3.22	2.82	10
11	4.808	4.78	4.36	34.8	10.2	3.25	0.607	0.374	0.173	0.347	3.30	2.76	11
12	4.64	4.68	4.36	33.4	9.81	3.03	0.653	0.269	0.150	0.346	3.30	2.10	12
13	4.81	4.68	4.34	32.6	9.89	2.80	0.413	0.206	0.158	0.355	3.51	3.42	13
14	4.508	4.68	4.42	32.0	9.46	2.65	0.422	0.190	0.142	0.380	3.98	3.50	14
15	4.408	4.74	4.53	32.2	9.06	2.48	0.340	0.218	0.182	0.355	3.96	3.43	15
16	4.32	4.76	4.85	31.5	9.53	2.30	0.275	0.215	0.144	0.387	3.81	3.17	16
17	4.35	4.85	4.80	29.7	10.1	2.11	0.240	0.205	0.145	0.434	4.20	3.14	17
18	4.51	4.86	4.58	27.8	10.0	1.95	0.237	0.189	0.152	0.812	4.21	3.12	18
19	4.64	4.86	4.48	25.5	9.71	1.76	0.232	0.183	0.148	0.753	4.17	3.14	19
20	4.74	4.81	4.40	23.4	9.83	1.64	0.213	0.177	0.157	0.701	4.19	3.21	20
21	4.85	4.77	4.02	21.8	10.3	1.57	0.206	0.186	0.193	0.835	4.26	3.38	21
22	4.80	4.74	4.06	20.7	10.3	1.50	0.210	0.183	0.178	0.787	4.32	3.26	22
23	4.80	4.78	4.35	18.4	10.1	1.61	0.210	0.158	0.195	0.848	4.27	3.11	23
24	4.83	4.77	4.36	15.5	9.71	1.63	0.230	0.178	0.212	1.01	4.21	3.26	24
25	4.82	4.81	4.46	14.6	9.34	1.80	0.267	0.228	0.198	1.03	4.24	3.31	25
26	4.44	4.80	5.58	14.3	9.15	1.49	0.288	0.298	0.181	1.88	4.23	3.31	26
27	4.10	4.78	6.83	14.1	8.93	1.42	0.288	0.318	0.188	2.67	4.28	3.14	27
28	4.14	4.71	7.28	14.0	8.78	1.28	0.314	0.283	0.178	3.12	4.43	3.36	28
29	4.06	4.67	8.16	14.0	8.62	1.24	0.196	0.308	0.185	3.22	4.38	3.61	29
30	4.11		10.3	14.1	8.18	1.23	0.170	0.267	0.169	3.13	4.44	3.48	30
31	4.45		11.7		7.80		0.182	0.238		2.83		3.60	31
TOTAL	157.90	140.13	158.82	721.5	317.81	81.71	13.865	8.898	5.494	29.258	110.73	107.82	TOTAL
MEAN	5.09	4.83	5.16	24.1	10.3	3.08	0.450	0.226	0.183	0.944	3.88	3.48	MEAN
MAX	7.20	5.41	11.7	36.0	13.8	7.15	1.17	0.374	0.307	3.22	4.44	4.43	MAX
MIN	4.06	4.67	4.02	13.8	7.80	1.23	0.170	0.188	0.143	0.157	2.54	2.82	MIN

SUMMARY FOR THE YEAR 1988

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 5.09
MAXIMUM DAILY, 36.0 ON APR 8
MINIMUM DAILY, 0.143 ON SEP 14
MAXIMUM INSTANTANEOUS,
36.2 AT 23:32 EST ON APR 9

TYPE OF GAUGE - RECORDING
LOCATION - LAT 44 50 40 N
LONG 77 55 52 W
DRAINAGE AREA, 466 km²

B - ICE CONDITIONS

REGULATED

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	13 600	JUL	1 210
FEB	13 100	AUG	805
MAR	13 800	SEP	475
APR	62 300	OCT	2 530
MAY	27 500	NOV	9 570
JUN	7 530	DEC	9 220

TOTAL DISCHARGE, 181 000 dam³

DEPOT CREEK AT BELLROCK - STATION NO. 02HM002

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1988

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	3.28	5.108	2.188	4.56	1.88	1.48	0.628	1.03	1.05	0.843	0.767	0.615	1
2	3.238	4.958	2.148	4.22	1.67	1.41	0.597	1.04	1.05	1.04	0.778	0.636	2
3	3.20	3.008	2.078	4.15	1.81	1.36	0.596	1.05	1.05	1.01	0.752	0.645	3
4	3.188	1.708	2.018	4.69	1.89	1.37	0.591	1.05	1.05	0.891	0.670	0.6338	4
5	3.248	1.408	1.968	4.55	1.84	1.37	0.595	1.05	1.04	0.891	0.670	0.6188	5
6	5.958	1.338	1.85	4.22	1.80	1.31	0.595	1.05	1.03	0.858	0.679	0.6408	6
7	6.408	1.278	1.75	3.85	1.67	1.32	0.739	1.05	1.03	0.825	0.672	0.6735	7
8	6.908	1.238	1.65	3.65	1.54	1.33	0.858	1.05	1.03	0.784	0.614	0.6448	8
9	6.758	1.188	1.58	3.33	1.51	1.33	1.08	1.05	1.05	0.781	0.613	0.6218	9
10	6.608	1.158	2.21	3.03	1.48	1.27	1.18	1.05	1.04	0.806	0.598	0.6218	10
11	6.408	1.138	2.27	2.78	1.47	1.23	1.23	1.05	1.01	0.838	0.595	0.6108	11
12	6.758	1.118	2.19	2.52	1.45	1.08	1.27	1.05	1.01	0.784	0.602	0.6068	12
13	6.658	1.108	2.07	2.38	1.37	1.02	1.23	1.05	1.04	0.741	0.621	0.6118	13
14	6.548	1.108	2.01	2.18	1.48	0.901	1.23	1.05	1.01	0.738	0.675	0.6178	14
15	6.808	1.208	1.97	2.20	1.44	0.774	1.21	1.05	0.893	0.728	0.674	0.6408	15
16	6.458	1.488	1.85	2.23	1.53	0.688	1.21	1.05	0.887	0.777	0.648	0.6338	16
17	6.358	1.528	1.85	2.22	1.73	0.609	1.29	1.05	0.898	0.902	0.640	0.6378	17
18	6.308	1.528	1.84	2.22	1.70	0.541	1.28	1.07	1.02	0.688	0.611	0.6288	18
19	6.258	1.508	1.74	2.07	1.70	0.514	1.24	1.05	1.01	0.687	0.583	0.6258	19
20	6.408	1.488	1.59	1.87	2.07	0.488	1.23	1.05	1.03	0.788	0.577	0.6298	20
21	5.808	1.488	1.54	1.85	2.21	0.470	1.23	1.03	1.04	0.724	0.713	0.7088	21
22	5.208	1.508	1.40	1.81	2.15	0.488	1.22	1.02	1.01	0.789	0.730	0.6488	22
23	5.058	1.548	1.44	1.70	2.18	0.545	1.26	1.02	1.11	0.811	0.685	0.6728	23
24	4.858	2.208	2.78	1.72	1.84	0.570	1.34	1.10	1.07	0.840	0.671	0.6738	24
25	4.808	2.248	4.20	1.72	1.86	0.601	1.32	1.17	1.00	0.844	0.658	0.6738	25
26	4.858	2.258	4.31	1.68	1.58	0.658	1.30	1.16	0.985	0.812	0.667	0.6588	26
27	4.788	2.228	5.09	1.72	1.63	0.635	1.25	1.12	1.01	0.785	0.658	0.6888	27
28	4.738	2.218	7.38	1.73	1.67	0.608	1.15	1.12	0.994	0.787	0.679	0.6068	28
29	4.758	2.188	8.09	1.88	1.44	0.806	1.08	1.11	0.974	0.813	0.636	0.7818	29
30	4.808		5.80	1.81	1.43	0.820	1.04	1.10	0.978	0.803	0.618	0.7438	30
31	4.908		5.02		1.82		1.02	1.07		0.776		0.7348	31
TOTAL	159.07	53.58	92.09	80.98	51.87	27.248	33.180	33.11	30.887	25.685	19.745	20.318	TOTAL
MEAN	5.13	1.85	2.87	2.70	1.67	0.908	1.07	1.07	1.02	0.828	0.658	0.655	MEAN
MAX	6.90	5.10	8.09	4.88	2.21	1.48	1.34	1.17	1.11	1.04	0.778	0.806	MAX
MIN	3.16	1.10	1.40	1.68	1.37	0.470	0.891	1.02	0.974	0.724	0.577	0.587	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 1.71
MAXIMUM DAILY, 8.09 ON MAR 27
MINIMUM DAILY, 0.470 ON JUN 21
MAXIMUM INSTANTANEOUS,
8.43 AT 04:28 EST ON MAR 27

SUMMARY FOR THE YEAR 1988

TYPE OF GAUGE - RECORDING
LOCATION - LAT 44 28 17 N
LONG 79 45 48 W
DRAINAGE AREA, 188 km²

B - ICE CONDITIONS

REGULATED SINCE 1957

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	13 700	JUL	2 870
FEB	4 630	AUG	2 880
MAR	7 880	SEP	2 650
APR	7 000	OCT	2 220
MAY	4 480	NOV	1 710
JUN	2 350	DEC	1 760

TOTAL DISCHARGE, 54 200 dam³

DETROIT RIVER AT AMHERSTBURG - STATION NO. 02GH008

DAILY WATER LEVEL IN METRES FOR 1988

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	174.34	174.52	174.58	174.60	174.63	174.60	174.53	174.51	174.43	174.32	174.31	174.18	1
2	174.48	174.52	174.48	174.62	174.64	174.71	174.54	174.51	174.40	---	---	174.08	2
3	174.58	174.58	174.53	174.60	174.67	174.84	174.55	174.52	174.42	174.31	---	174.11	3
4	174.38	174.53	174.52	174.58	174.68	174.80	174.58	174.51	174.38	174.28	---	174.15	4
5	174.45	174.42	174.50	174.62	174.63	174.57	174.54	174.50	174.36	174.22	---	174.19	5
6	174.63	174.40	174.49	174.62	174.62	174.58	174.63	174.47	174.39	174.29	---	174.17	6
7	174.73	174.63	174.48	174.63	174.63	174.60	174.53	174.52	174.41	174.30	---	174.21	7
8	174.73	174.55	174.53	174.55	174.63	174.68	174.53	174.51	174.41	174.30	---	174.23	8
9	174.74	174.57	174.47	174.64	174.80	174.63	174.61	174.48	174.38	174.30	---	174.15	9
10	174.76	174.58	174.53	174.64	174.59	174.60	174.49	174.53	174.37	174.08	---	174.19	10
11	174.72	174.64	174.58	174.58	174.62	174.58	174.60	174.60	174.42	174.15	174.22	174.21	11
12	174.72	174.52	174.59	174.68	174.63	174.57	174.61	174.60	174.38	---	174.35	174.27	12
13	174.85	174.45	174.38	174.64	174.80	174.58	174.65	174.60	174.33	---	174.18	174.17	13
14	174.71	174.56	174.48	174.59	174.65	174.57	174.47	174.44	174.35	---	174.22	174.22	14
15	174.84	174.52	174.49	174.58	174.61	174.58	174.62	174.42	174.44	---	174.38	174.10	15
16	174.81	174.58	174.47	174.58	174.62	174.60	174.51	174.48	174.45	---	174.17	174.16	16
17	174.80	174.58	174.52	174.57	174.62	174.59	174.55	174.48	174.33	---	173.98	174.18	17
18	174.80	174.57	174.48	174.57	174.68	174.60	174.58	174.53	174.38	174.18	174.26	174.17	18
19	174.85	174.60	174.47	174.57	174.65	174.58	174.54	174.54	174.40	174.28	174.32	174.23	18
20	174.84	174.60	174.51	174.53	174.63	174.54	174.58	174.48	174.30	174.31	174.26	174.19	20
21	174.48	174.57	174.55	174.62	174.63	174.58	174.54	174.50	174.27	174.23	174.23	174.20	21
22	174.51	174.56	174.62	174.57	174.64	174.62	174.55	174.51	174.35	174.24	174.31	174.32	22
23	174.49	174.57	174.51	174.53	174.63	174.60	174.56	174.46	174.30	174.23	174.32	174.15	23
24	174.44	174.52	174.58	174.54	174.64	174.59	174.53	174.38	174.39	173.88	174.31	174.23	24
25	174.53	174.59	174.55	174.62	174.62	174.62	174.52	174.31	174.38	174.04	174.30	174.10	25
26	174.40	174.60	174.50	174.55	174.61	174.57	174.53	174.37	174.37	174.12	174.33	174.23	26
27	174.49	174.58	174.45	174.62	174.60	174.57	174.52	174.42	174.32	---	174.17	174.29	27
28	174.64	174.54	174.62	174.56	174.60	174.52	174.50	174.41	174.46	---	174.09	174.12	28
29	174.57	174.49	174.61	174.57	174.61	174.58	174.51	174.42	174.41	---	174.24	174.20	28
30	174.53		174.55	174.62	174.60	174.58	174.48	174.43	174.33	---	174.13	174.23	30
31	174.50		174.60		174.60		174.53	174.42		174.32		174.25	31
MEAN	174.57	174.54	174.52	174.61	174.62	174.58	174.53	174.47	174.38	---	---	174.19	MEAN
MAX	174.76	174.64	174.62	174.67	174.67	174.71	174.58	174.54	174.46	---	---	174.32	MAX
MIN	174.34	174.40	174.38	174.53	174.59	174.52	174.47	174.31	174.27	---	---	174.08	MIN

WATER LEVELS IN METRES

SUMMARY FOR THE YEAR 1988

MAXIMUM DAILY, 174.76 ON JAN 10
MINIMUM DAILY, 173.88 ON OCT 24
MAXIMUM INSTANTANEOUS,
174.84 AT 16:40 EST ON MAR 13

TYPE OF GAUGE - RECORDING
LOCATION - LAT 42 06 40 N
LONG 83 06 52 W
DATA CONTRIBUTED BY -
OCEAN SCIENCE AND SURVEYS (OFD) (CANADA)

WATER LEVELS ARE REFERRED TO INTERNATIONAL GREAT LAKES DATUM (1955)

REMARKS - DATA PUBLISHED AS RECEIVED. DATA PUBLISHED MONTHLY BY OCEAN SCIENCE AND SURVEYS AS STATION 11995 AMHERSTBURG

DETROIT RIVER AT LA SALLE - STATION NO. 02EH007

DAILY WATER LEVEL IN METRES FOR 1988

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	174.82	174.88	174.70	174.74	174.78	---	---	174.85	174.88	174.48	---	174.35	1
2	174.85	174.85	174.84	174.78	174.78	174.83	---	174.88	174.88	174.48	---	174.24	2
3	174.73	174.70	174.88	174.74	174.80	174.77	---	174.87	174.87	174.47	174.42	174.28	3
4	174.58	174.88	174.87	174.71	174.78	174.74	---	174.88	174.85	174.43	174.42	174.32	4
5	174.83	174.80	174.85	174.78	174.78	174.71	174.89	174.84	174.84	174.40	174.39	174.35	5
6	174.78	174.85	174.84	174.78	174.78	174.73	174.88	174.82	174.85	174.45	---	174.33	6
7	174.85	174.71	174.84	174.77	174.77	---	174.88	174.87	174.88	174.48	174.35	174.37	7
8	174.85	174.78	174.85	174.78	174.77	---	174.87	174.88	174.88	174.45	174.34	174.38	8
9	174.84	174.78	174.82	174.78	174.74	---	174.88	174.84	174.82	174.45	174.42	174.32	9
10	174.87	174.78	174.88	174.78	174.73	---	174.84	174.87	174.82	---	174.30	174.38	10
11	174.83	174.78	174.70	174.78	174.78	---	---	174.85	174.88	---	174.42	174.38	11
12	174.82	174.72	174.73	174.78	174.78	---	---	174.85	174.84	174.37	174.80	174.41	12
13	174.88	174.87	174.88	174.78	174.74	---	---	174.84	174.48	174.41	174.35	174.34	13
14	174.80	174.74	174.81	174.73	174.78	---	---	174.80	174.80	174.38	174.38	174.38	14
15	174.83	174.70	174.84	174.73	174.78	---	---	174.88	174.88	174.40	174.80	174.29	15
16	174.78	174.73	174.83	174.72	174.78	---	---	174.83	174.88	174.40	174.33	174.34	16
17	174.78	174.74	174.87	174.72	174.77	---	---	174.83	174.48	174.42	174.18	174.38	17
18	174.78	174.78	174.84	174.73	174.80	---	---	174.88	174.80	174.37	174.40	174.35	18
19	174.78	174.77	174.82	174.72	174.78	---	---	174.88	174.84	174.44	174.46	174.40	19
20	174.70	174.88	174.85	174.89	174.78	---	174.73	174.84	174.38	174.48	174.42	174.38	20
21	174.83	174.73	174.88	174.78	174.77	---	174.88	174.85	---	174.45	174.40	174.37	21
22	174.88	174.74	174.78	174.81	174.78	---	174.70	174.85	---	174.38	174.48	174.48	22
23	174.88	174.73	174.88	174.77	174.77	---	174.71	174.80	---	174.44	174.47	174.31	23
24	174.82	174.88	174.88	174.88	174.78	---	174.88	174.83	174.83	---	174.47	174.38	24
25	174.88	174.74	174.88	174.78	174.78	---	174.87	174.87	174.82	---	174.48	174.27	25
26	174.88	174.75	174.84	174.78	174.78	---	174.88	174.83	174.82	174.18	174.48	174.38	26
27	174.88	174.73	174.80	174.78	174.75	---	174.87	174.87	174.48	174.07	174.33	174.43	27
28	174.70	174.70	174.75	174.70	174.75	---	174.85	174.85	174.88	174.13	174.28	174.30	28
29	174.74	174.84	174.74	174.71	---	---	174.85	174.87	174.85	---	174.38	174.35	29
30	174.89		174.89	174.78	---	---	174.83	174.88	174.48	---	174.30	174.38	30
31	174.85		174.74		---		174.87	174.87		---		174.40	31
MEAN	174.78	174.71	174.87	174.78	---	---	---	174.82	---	---	---	174.35	MEAN
MAX	174.87	174.78	174.78	174.81	---	---	---	174.88	---	---	---	174.48	MAX
MIN	174.52	174.68	174.68	174.88	---	---	---	174.47	---	---	---	174.24	MIN

SUMMARY FOR THE YEAR 1988

WATER LEVELS IN METRES

MAXIMUM DAILY, 174.87 ON JAN 10
MINIMUM DAILY, 174.07 ON OCT 27
MAXIMUM INSTANTANEOUS,
175.03 AT 17:10 EST ON JAN 13

TYPE OF GAUGE - RECORDING
LOCATION - LAT 42 14 30 N
LONG 83 05 19 W
DATA CONTRIBUTED BY -
OCEAN SCIENCE AND SURVEYS (DFO) (CANADA)

WATER LEVELS ARE REFERRED TO INTERNATIONAL GREAT LAKES DATUM (1955)

REMARKS - DATA PUBLISHED AS RECEIVED. DATA PUBLISHED MONTHLY BY OCEAN SCIENCE AND SURVEYS AS STATION 11985 LA SALLE

DINGMAN CREEK BELOW LAMBETH - STATION NO. 02GE005

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1988

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	0.820B	5.10	1.35 B	1.58	0.440	0.182	0.118	0.880	0.143	0.080	0.500	0.934E	1
2	0.480B	3.04	2.00 B	1.38	0.358	0.188	0.120	0.344	0.125	0.234	0.500	0.874	2
3	0.340B	1.87	2.40 B	1.88	0.330	0.228	0.120	0.510	0.103	0.234	0.452	0.774	3
4	0.260B	0.850B	2.20 B	4.63	0.384	0.308	0.125	0.300	3.26	0.150	0.452	0.834	4
5	0.250B	0.780B	2.00 B	3.08	0.320	0.204	0.123	0.140	2.10	0.150	0.708	0.738	5
6	0.230B	0.640B	3.00 B	2.10	0.318	0.118	0.113	0.888	0.284	0.095	2.87	0.728	6
7	0.220B	0.550B	4.80 B	2.74	0.298	0.128	0.118	0.280	0.185	0.080	3.88	8.70	7
8	0.210B	0.510B	3.70 B	1.75	0.312	0.123	0.110	0.148	0.135	0.083E	2.45	0.854	8
9	0.200B	0.480B	3.25 E	1.38	0.338	0.248	0.105	0.113	0.133	0.075	2.58	0.880	9
10	0.183B	0.470B	2.72	1.18	0.726	0.143	0.120	2.58	0.133	0.083	2.10	0.800B	10
11	0.180B	0.480B	1.73	0.834	0.372	0.113	1.36	0.332	0.080	0.080	2.80	0.430B	11
12	0.188B	0.450B	1.57	0.662	0.280	0.110	0.180	0.380	0.128	1.57	7.80 E	0.400B	12
13	0.188B	0.470B	2.28	0.774	0.231	0.113E	0.103	0.177	0.118	1.43 E	12.7	0.380B	13
14	0.182B	0.500B	1.70	0.880	0.258	0.115	0.098	0.158	0.130	1.28	5.88	0.400B	14
15	0.178B	0.700B	1.12	0.672	0.226	0.108	0.078	5.84	0.108	0.860E	3.88	0.440B	15
16	0.174B	1.80 B	2.11	3.72	1.02	0.105	0.080	0.662	0.135	0.630	2.03	0.410B	16
17	0.800B	2.00 B	0.788	0.588	1.40	0.105	7.45	0.378	0.418	0.884	1.84	0.380B	17
18	4.00 B	1.85 B	0.898E	0.866	0.880	0.093	0.580	0.222	0.174	8.48	1.38	0.370B	18
19	3.00 B	1.78 B	1.03	0.815	0.480	0.130	0.328	0.166	0.100	2.11	1.12	0.450B	19
20	2.00 B	1.70 B	0.838E	0.525	0.440E	0.110	0.180	0.135	0.135	1.57	1.08	0.400B	20
21	1.30 B	1.80 B	0.845	0.988	0.400	0.110	0.150	0.130	0.140	0.830	14.3	1.80 B	21
22	1.00 B	2.00 B	0.810	0.640	3.03	0.133	0.120	0.098	0.120	2.43	10.2	1.20 B	22
23	0.700B	2.80 B	0.782	0.478	0.530	0.113	0.128	0.153	0.440	1.28	4.18	4.00 B	23
24	0.500B	2.20 B	1.31	0.898	0.424	0.118	0.228	0.348	0.198	1.88	2.38	2.48	24
25	0.380B	1.80 B	2.82	0.838	0.338	0.133	0.177	0.880	0.148	1.87	1.72	1.37	25
26	0.340B	1.80 B	7.85	0.880	0.300	0.100	0.088	0.180	0.128E	1.18	1.30	1.20 B	26
27	0.320B	1.80 B	5.00	0.820	0.258	0.128	0.088	0.153	0.112E	1.78	1.45	1.30 B	27
28	0.315B	1.40 B	2.88	0.872	0.228	0.095	0.372	0.135	0.095	0.878	1.17	1.60 B	28
29	0.310B	1.37 B	2.80	0.768	0.228	0.108E	0.083	0.148	0.100	0.830	1.15	1.40 B	29
30	0.330B		2.43	0.478	0.188	0.123	0.113	0.138	0.075	0.800	0.884	1.10 B	30
31	15.0 B		2.38		0.171		0.458	0.145		0.850E		0.850B	31
TOTAL	36.404	44.880	71.260	37.893	15.809	4.118	13.848	15.857	9.888	34.328	95.818	39.314	TOTAL
MEAN	1.11	1.84	2.30	1.27	0.504	0.137	0.437	0.537	0.323	1.11	3.19	1.27	MEAN
MAX	15.0	5.10	7.85	4.63	3.03	0.308	7.45	5.84	3.26	8.48	14.3	8.70	MAX
MIN	0.174	0.450	0.788	0.478	0.171	0.093	0.083	0.088	0.075	0.075	0.452	0.370	MIN

SUMMARY FOR THE YEAR 1988

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 1.14
MAXIMUM DAILY, 15.08 ON JAN 31
MINIMUM DAILY, 0.083 ON JUL 29

TYPE OF GAUGE - MANUAL
LOCATION - LAT 42 56 02 N
LONG 81 21 05 W
DRAINAGE AREA, 148 km²

B - ICE CONDITIONS
E - ESTIMATED
NATURAL FLOW

MONTHLY TOTAL DISCHARGE
IN CUBIC DECAMETRES

JAN	2 970	JUL	1 170
FEB	3 860	AUG	1 440
MAR	6 150	SEP	837
APR	3 280	OCT	2 870
MAY	1 350	NOV	8 260
JUN	356	DEC	3 400

TOTAL DISCHARGE, 36 100 dam³

DODD CREEK BELOW PAYNES MILLS - STATION NO. 02EC031

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1988

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	0.339	5.48	0.5278	0.613	0.302	0.113	0.040E	0.078	0.083	0.150	0.177	0.444	1
2	0.271	1.80 B	0.7458	0.542	0.180	0.137	0.040E	0.093	0.081	0.135	0.184	0.434	2
3	0.221	0.7638	2.00 B	0.785	0.115	0.126	0.040E	0.084	0.027	0.110	0.163	0.448	3
4	0.208	0.5188	1.14 B	3.47	0.082	0.125	0.040E	0.084	0.023	0.087	0.184	0.443	4
5	0.1988	0.3888	0.6188	1.46	0.098	0.114	0.030E	0.052	0.085	0.080	0.318	0.418	5
6	0.1848	0.3518	1.03 B	0.829	0.130	0.104	0.020E	0.088	0.105	0.083	2.34	0.384	6
7	0.1738	0.3118	1.72 B	1.53	0.133	0.078	0.010E	0.074	0.091	0.078	2.17	0.353	7
8	0.1628	0.2798	1.82 B	1.17	0.131	0.088	0.010E	0.083	0.077	0.060	1.33	0.328	8
9	0.1538	0.2598	2.50 B	0.781	0.122	0.083	0.010E	0.084	0.078	0.027	1.30	0.288	9
10	0.1468	0.2438	1.40 B	0.558	0.150	0.050E	0.010E	0.084	0.072	0.018	1.85	0.2388	10
11	0.1388	0.2328	0.888	0.448	0.145	0.110E	0.040E	0.088	0.071	0.021	1.81	0.1728	11
12	0.1318	0.2208	0.858	0.378	0.124	0.080E	0.040E	0.080	0.071	0.247	0.884	0.1688	12
13	0.1268	0.2128	1.88	0.327	0.122	0.050E	0.030E	0.048	0.071	0.883	8.39	0.1188	13
14	0.1238	0.2038	1.03	0.286	0.112	0.050E	0.030E	0.046	0.088	0.500	8.37	0.1108	14
15	0.1198	0.2848	0.878	0.272	0.110	0.050E	0.030E	0.078	0.088	0.398	1.89	0.1038	15
16	0.1158	0.5238	0.812	0.188	0.391	0.040E	0.040E	0.091	0.085	0.287	1.03	0.1388	16
17	0.213	0.8108	0.498	0.188	0.414	0.040E	0.350E	0.058	0.070	0.218	1.02	0.1488	17
18	2.26	0.9238	0.585	0.215	0.297	0.040E	0.423	0.088	0.068	3.46	0.748	0.1618	18
19	1.24	1.47	0.671	0.238	0.221	0.030E	0.208	0.085	0.085	1.78	0.574	0.1758	19
20	0.834	3.84	0.807	0.215	0.216	0.020E	0.188	0.049	0.088	0.848	2.66	0.1848	20
21	0.8008	2.64 B	0.498	0.228	0.712E	0.020E	0.131	0.028	0.118	0.357	13.5	0.285	21
22	0.3238	2.26 B	0.408	0.233	0.780E	0.050E	0.120	0.020	0.138	0.732	5.84	0.283	22
23	0.2808	8.72	0.458	0.231	0.474E	0.070E	0.143	0.088	0.233	0.724	2.12	1.04	23
24	0.2418	3.80 B	1.41	0.270	0.343E	0.030E	0.116	0.081	0.211	0.802	1.28	1.38	24
25	0.2208	1.47 B	4.54	0.280	0.263A	0.020E	0.098	0.033	0.188	0.882	0.958	0.858	25
26	0.2068	0.7408	7.18	0.224	0.211	0.020E	0.088	0.037	0.131	0.574	0.788	0.480	26
27	0.1978	0.6718	3.32	0.218	0.178	0.030E	0.088	0.088	0.138	0.421	0.714	1.18	27
28	0.1888	0.8098	1.63	0.214	0.158	0.020E	0.087	0.070	0.108	0.318	0.613	10.2	28
29	0.1788	0.8448	1.43	0.215	0.143	0.030E	0.118	0.089	0.088	0.278	0.514	2.33	29
30	0.3898		1.22	0.215	0.072	0.040E	0.081	0.070	0.150	0.238	0.470	1.05 B	30
31	3.00 B		0.888		0.118		0.078	0.087		0.205		0.4118	31
TOTAL	13.139	42.880	44.747	18.834	8.868	1.878	2.778	1.807	2.824	13.124	58.485	24.888	TOTAL
MEAN	0.424	1.48	1.44	0.881	0.224	0.083	0.080	0.082	0.087	0.423	1.88	0.793	MEAN
MAX	3.00	8.72	7.18	3.47	0.780	0.137	0.423	0.084	0.233	2.46	13.5	10.2	MAX
MIN	0.118	0.203	0.405	0.188	0.072	0.020	0.010	0.020	0.023	0.018	0.183	0.110	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 0.832
MAXIMUM DAILY, 13.5 ON NOV 21
MINIMUM DAILY, 0.010E ON JUL 7
MAXIMUM INSTANTANEOUS,
15.0 AT 08:02 EST ON NOV 21

REMARKS - STATION ACTIVATED DEC 1987

SUMMARY FOR THE YEAR 1988

TYPE OF GAUGE - RECORDING
LOCATION - LAT 43 47 12 N
LONG 81 18 03 W
DRAINAGE AREA, 89.4 km²
A - MANUAL GAUGE
B - ICE CONDITIONS
E - ESTIMATED
NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	1 140	JUL	240
FEB	3 710	AUG	185
MAR	3 870	SEP	253
APR	1 630	OCT	1 130
MAY	901	NOV	5 140
JUN	182	DEC	2 120

TOTAL DISCHARGE, 20 000 dam³

DON RIVER AT TODMORDEN - STATION NO. 02HC024

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1988

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	2.05	4.24	1.62E	2.22E	2.22	1.48	1.20	1.87	1.21	1.88	1.87	1.85	1
2	1.81	3.04	2.38E	2.10E	2.00	1.44	1.17	1.47	1.21	10.9	1.70	1.88	2
3	1.88	1.88	2.78E	12.2 E	1.84	2.11	1.18	1.28	2.34	3.48	1.84	1.81	3
4	1.88	1.84	2.10E	10.8 E	1.88	1.91	1.10	1.25	23.3	10.0	1.88	1.51	4
5	1.44	1.87	2.78E	5.62E	1.84	1.83	1.17	1.24	4.72	3.51	10.5	1.84	5
6	1.83	1.81	4.88E	5.84E	1.84	1.44	1.18	1.20	2.73	1.83	8.14	1.48	6
7	1.81	1.82	10.0 E	3.20	1.72	1.75	1.17	1.09	2.84	4.20	3.39	1.81	7
8	1.70	1.84	7.40E	3.32	1.88	1.87	1.10	1.14	2.41	3.78	8.12	1.82	8
9	1.84	1.88	8.84E	2.84	1.78	1.42	1.13	1.12	1.84	1.77	3.18	1.88	9
10	1.84	1.72	8.18E	2.38	2.38	1.37	1.13	1.15	1.47	3.70	8.00	1.33	10
11	1.85	1.84	6.71E	2.30	1.78	1.33	1.84	2.13	1.38	2.82	2.87	1.28	11
12	1.88	1.84	4.24E	2.21	1.73	1.33	2.83	1.33	1.38	1.83	2.03	1.38	12
13	1.81	1.78	4.28E	2.18	1.76	1.28	1.23	1.21	2.75	1.88	12.5	1.81	13
14	1.40	1.82	3.32E	8.18	1.87	1.27	1.88	1.21	1.88	1.88	4.03	1.81	14
15	1.88	8.30	2.34E	4.14	3.74	1.28	1.24	1.82	1.43	1.88	2.82	3.20	15
16	1.80	4.83	2.21E	2.82	13.2	1.42	2.87	1.18	1.32	1.87	2.82	1.83	16
17	2.85	3.05	2.28E	2.17	3.82	1.27	8.12	7.19	14.2	2.08	2.88	1.88	17
18	8.58	2.82	2.72E	4.88	3.44	1.24	1.88	1.78	3.18	14.3	1.87	1.82	18
19	3.19	4.82	2.88E	2.28	8.87	1.21	1.42	1.18	2.81	3.17	1.78	1.88	18
20	12.8	8.88	2.40E	2.78	4.85	1.32	1.27	1.12	2.11	2.81	7.74	2.84	20
21	4.32	3.22	1.88E	3.24	3.08	1.20	1.30	1.07	1.88	3.08	8.08	2.28	21
22	2.81	8.17	1.87E	2.08	2.24	7.88	2.12	1.02	1.48	8.31	2.88	1.81	22
23	2.20	8.13	3.85E	2.40	1.84	3.17	2.08	1.83	8.74	3.13	2.24	8.82	23
24	3.81	3.85	8.02E	2.08	1.41	1.78	4.87	4.87	1.82	4.88	1.83	3.08	24
25	2.80	2.38	8.80E	1.83	3.20	1.35	3.20	3.84	1.44	3.82	1.88	2.48	25
26	1.84	1.88	8.00E	3.72	1.72	1.27	8.88	2.48	1.37	3.78	1.88	1.84	26
27	1.43	2.10	4.31E	4.33	1.88	1.21	3.17	1.44	2.43	2.08	2.20	7.88	27
28	1.81	2.05	2.57E	3.43	1.88	1.18	1.88	1.38	4.82	2.28	1.88	10.7	28
29	1.80	2.24	3.10E	5.77	1.80	1.22	1.34	1.31	1.72	1.87	1.71	2.80	29
30	1.88		2.80E	3.14	1.81	1.20	4.22	1.33	1.44	1.70	1.88	2.34	30
31	2.34		2.38E		1.44		2.28	1.30		1.88		1.88	31
TOTAL	78.23	83.75	132.38	115.48	88.38	80.43	70.78	83.77	100.40	114.21	107.80	77.87	TOTAL
MEAN	2.52	3.23	4.27	3.85	2.78	1.88	2.28	1.73	3.38	3.88	3.89	2.80	MEAN
MAX	12.8	8.88	10.0	12.2	13.2	7.88	8.88	7.19	23.3	14.3	12.8	10.7	MAX
MIN	1.40	1.82	1.82	1.83	1.44	1.18	1.10	1.02	1.31	1.87	1.84	1.28	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 2.98
MAXIMUM DAILY, 23.3 ON SEP 4
MINIMUM DAILY, 1.02 ON AUG 22
MAXIMUM INSTANTANEOUS,
87.7 AT 02:52 EST ON SEP 4

SUMMARY FOR THE YEAR 1988

TYPE OF GAUGE - RECORDING
LOCATION - LAT 43 41 50 N
LONG 79 21 15 W
DRAINAGE AREA, 318 km²

E - ESTIMATED
REGULATED SINCE 1973

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	8 780	JUL	8 120
FEB	8 100	AUG	4 880
MAR	11 400	SEP	8 870
APR	9 980	OCT	8 870
MAY	7 480	NOV	8 300
JUN	4 350	DEC	8 700

TOTAL DISCHARGE, 93 400 dam³

DON RIVER AT YORK MILLS - STATION NO. 02HC005

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1988

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	0.379	0.829	0.319	0.888E	0.526	0.207	0.156	0.388	0.147	0.316	0.253	0.310E	1
2	0.346	0.886	0.372	0.890	0.447	0.182	0.189	0.279	0.145	1.80	0.284	0.309E	2
3	0.348	0.404	0.434	1.78	0.437	0.334	0.148	0.211	0.521	1.12	0.254	0.306E	3
4	0.322	0.380	0.350	2.30	0.425	0.498	0.127	0.183	2.80	1.53	0.302	0.285E	4
5	0.315	0.337	0.442	2.84	0.429	0.287	0.146	0.182	1.21	0.878	1.63	0.285E	5
6	0.288	0.2878	0.852	2.88 E	0.408	0.211	0.142	0.158	1.08	0.312	1.23	0.242	6
7	0.284	0.2898	1.88	0.820E	0.380	0.309	0.136	0.143	1.04	0.387	1.17	0.260	7
8	0.3528	0.3078	1.47	0.832	0.387	0.286	0.152	0.142	1.00	0.286	1.38	0.238	8
9	0.2388	0.2898	1.97	0.888	0.387	0.238	0.152	0.148	0.476	0.238	0.848	0.261	9
10	0.2318	0.2838	2.75	0.858	0.520	0.200	0.145	0.142	0.287	0.428	1.20	0.248	10
11	0.2288	0.2788	2.57	0.818	0.432	0.186	0.184	0.285	0.203	0.407	0.808	0.210	11
12	0.2778	0.380	1.15	0.803	0.385	0.208	0.321	0.210	0.213	0.286	0.485	0.188	12
13	0.385E	0.378	1.13	0.488	0.349	0.182	0.181	0.188	0.488	0.239	1.60	0.202	13
14	0.381E	0.421	0.804	1.35	0.344	0.188	0.185	0.174	0.271	0.203	1.30	0.258	14
15	0.340E	1.28	0.848	0.978	1.00	0.188	0.201	0.183	0.214	0.205	1.07	0.388	15
16	0.320E	1.21	0.818	0.807	1.84	0.210	0.388	0.171	0.208	0.232	0.848	0.262	16
17	0.888E	0.714	0.815	0.885	1.30	0.192	1.16	0.702	2.01	0.474	0.808	0.218	17
18	1.26	0.883	0.813	0.815	1.78	0.188	0.447	0.381	1.32	1.62	0.388	0.205	18
19	0.479	0.888	0.528	0.838	1.36	0.186	0.257	0.208	1.15	1.05	0.344	0.231	19
20	0.7888	1.28	0.487	0.878	1.13	0.258	0.178	0.188	0.834	0.726	1.12	0.382	20
21	1.21	0.800	0.417	0.868	0.842	0.177	0.188	0.137	0.384	0.778	1.25	0.421	21
22	0.883	0.802	0.388	0.492	0.832	0.884	0.838	0.128	0.280	1.14	1.01	0.388	22
23	0.470	1.82	0.807	0.883	0.858	1.08	0.882	0.287	0.888	0.770	0.848	1.15	23
24	0.882	1.08	1.28	0.483	0.302	0.508	0.570	0.572	0.417	0.703	0.380	1.80	24
25	0.483	0.822	1.84	0.448	0.440	0.273	1.40	0.523	0.288	0.844	0.383	1.88	25
26	0.382	0.415	2.08	0.774	0.284	0.218	1.27	0.412	0.244	0.577	0.338	1.44	26
27	0.308	0.388	2.04	0.837	0.284	0.188	0.844	0.227	0.487	0.388	0.388	1.91 E	27
28	0.288	0.388	1.08	0.788	0.248	0.172	0.308	0.188	0.834	0.413	0.330	1.18	28
29	0.2758	0.378	0.788	0.888	0.228	0.188	0.230	0.181	0.401	0.328	0.287	0.844	29
30	0.322		0.788	0.718	0.188	0.182	0.889	0.181	0.284	0.271	0.2878	0.810	30
31	0.457		0.7708		0.208		0.517	0.182		0.248		0.273	31
TOTAL	16.171	17.788	31.887	28.087	17.828	8.872	11.988	7.888	18.808	18.481	21.711	18.800	TOTAL
MEAN	0.487	0.812	1.02	0.838	0.575	0.286	0.388	0.244	0.884	0.888	0.724	0.832	MEAN
MAX	1.28	1.83	2.75	2.88	1.78	1.08	1.40	0.702	2.80	1.82	1.83	1.81	MAX
MIN	0.228	0.278	0.319	0.448	0.188	0.182	0.127	0.128	0.145	0.203	0.253	0.188	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 0.885
MAXIMUM DAILY, 2.88E ON APR 6
MINIMUM DAILY, 0.128 ON AUG 22
MAXIMUM INSTANTANEOUS,
18.7 AT 00:38 EST ON SEP 4

SUMMARY FOR THE YEAR 1988

TYPE OF GAUGE - RECORDING
LOCATION - LAT 43 44 21 N
LONG 79 24 05 W
DRAINAGE AREA, 88.1 km²

B - ICE CONDITIONS
E - ESTIMATED
REGULATED SINCE 1973

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	1 220	JUL	1 030
FEB	1 530	AUG	683
MAR	2 740	SEP	1 720
APR	2 420	OCT	1 600
MAY	1 840	NOV	1 880
JUN	741	DEC	1 430

TOTAL DISCHARGE, 18 800 dam³

DUFFINS CREEK ABOVE PICKERING - STATION NO. 02HC018

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1988

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	0.7308	3.50 B	1.58 B	1.39	1.18	0.828	0.828	0.827	0.817	0.886	0.778	0.842	1
2	0.8808	1.70 B	1.52 B	1.37	1.04	0.824	0.830	0.828	0.818	1.02	0.748	0.788	2
3	0.8808	1.18 B	1.47 B	3.88	0.881	0.788	0.807	0.810	0.828	0.883	0.733	0.784	3
4	0.8508	1.02 B	1.45 B	5.38	0.838	0.710	0.802	0.471	1.78	0.830	0.727	0.7488	4
5	0.8208	1.00 B	1.43 B	2.27	0.888	0.803	0.473	0.581	1.18	1.08	1.22	0.787	5
6	0.4958	0.9808	1.42 B	1.87	0.883	0.878	0.482	0.478	0.738	0.825	1.78	0.783	6
7	0.4708	0.8808	17.0 B	1.72	0.818	0.882	0.483	0.484	0.827	0.753	1.04	0.804	7
8	0.4508	0.8408	14.8 B	1.80	0.785	0.814	0.448	0.478	0.887	0.782	1.03	0.7838	8
9	0.4388	0.8358	15.7 B	1.32	0.808	0.888	0.438	0.488	0.585	0.781	1.08	0.7238	9
10	0.4258	0.8308	24.3 B	1.21	0.838	0.878	0.484	0.438	0.838	0.783	1.17	0.8848	10
11	0.4158	0.8258	10.0 B	1.18	0.810	0.838	0.473	0.438	0.834	0.843	1.03	0.8728	11
12	0.4058	0.8208	5.00 B	1.17	0.743	0.834	0.488	0.808	0.845	0.740	0.908	0.8602	12
13	0.3988	0.8158	2.00 B	1.18	0.780	0.808	0.478	0.488	0.845	0.711	1.47	0.8488	13
14	0.3908	0.8108	1.18 B	1.88	0.734	0.803	0.484	0.488	0.803	0.884	1.33	0.8388	14
15	0.3888	0.8068	1.07 B	2.38	0.724	0.488	0.488	0.888	0.818	0.882	0.888	0.8308	15
16	0.3878	5.20 B	1.02 B	1.37	1.83	0.800	0.488	0.484	0.821	0.886	0.837	0.8288	16
17	0.3888	5.30 B	1.03 B	1.17	1.85	0.880	0.484	0.878	0.706	0.870	0.838	0.8258	17
18	5.85 B	4.80 B	1.03 B	1.27	1.21	0.488	0.518	0.587	0.878	1.48	0.845	0.8228	18
19	4.30 B	4.00 B	0.8988	1.10	1.35	0.481	0.482	0.503	0.821	0.838	0.814	0.8008	19
20	3.40 B	4.80 B	0.8318	1.06	1.78	0.474	0.472	0.488	0.857	0.788	0.887	1.20 B	20
21	3.70 B	3.80 B	0.8408	1.18	1.44	0.437	0.484	0.448	0.821	0.784	1.34	0.8558	21
22	1.70 B	3.80 B	0.8828	1.03	1.10	1.31	0.478	0.438	0.588	1.38	0.881	0.7208	22
23	1.38 B	5.85 B	4.78 B	0.888	0.880	1.32	0.508	0.480	0.880	1.02	0.813	1.10 B	23
24	1.18 B	3.00 B	10.1 B	1.02	0.834	0.787	0.474	0.821	0.878	1.12	0.874	1.40 B	24
25	1.11 B	2.28 B	7.01	0.871	0.882	0.838	0.818	0.878	0.898	1.04	0.838	1.07 B	25
26	1.08 B	1.80 B	5.88	1.02	0.833	0.870	1.14	0.772	0.868	0.858	0.882	1.88 B	26
27	1.04 B	1.78 B	3.08	1.14	0.783	0.888	0.808	0.810	0.832	0.832	0.823	3.18 B	27
28	1.03 B	1.67 B	1.81	1.18	0.711	0.831	0.840	0.842	0.781	0.838	0.880	4.98 B	28
29	1.02 B	1.82 B	1.88	1.88	0.708	0.840	0.870	0.884	0.838	0.777	0.833	1.84 B	29
30	1.00 B		1.88	1.84	0.887	0.837	0.840	0.844	0.808	0.740	0.838	1.41 B	30
31	7.20 B		1.80		0.838		0.847	0.824		0.784		1.38 B	31
TOTAL	48.807	87.743	148.122	47.080	30.878	18.428	18.418	18.848	20.088	28.788	29.780	34.382	TOTAL
MEAN	1.48	3.34	4.88	1.87	0.888	0.814	0.830	0.843	0.889	0.884	0.882	1.11	MEAN
MAX	7.20	8.20	24.3	5.38	1.83	1.32	1.14	0.878	1.78	1.48	1.78	4.88	MAX
MIN	0.388	0.808	0.831	0.871	0.838	0.437	0.438	0.438	0.803	0.870	0.727	0.822	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 1.38
MAXIMUM DAILY, 24.3B ON MAR 10
MINIMUM DAILY, 0.3888 ON JAN 17

SUMMARY FOR THE YEAR 1988

TYPE OF GAUGE - RECORDING
LOCATION - LAT 43 53 30 N
LONG 79 03 33 W
DRAINAGE AREA, 93.5 km²

B - ICE CONDITIONS

NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	3 070	JUL	1 420
FEB	5 850	AUG	1 480
MAR	12 800	SEP	1 730
APR	4 070	OCT	2 320
MAY	2 840	NOV	2 870
JUN	1 880	DEC	2 870

TOTAL DISCHARGE, 43 100 dam³

DUFFINS CREEK AT PICKERING - STATION NO. 02HC006

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1988

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	1.22 B	4.008	1.508	3.90	2.80	1.01	0.858	0.838	0.883	1.32	1.40	1.48	1
2	1.13 B	3.428	1.458	3.87	2.17	0.884	0.833	0.908	0.808	2.08	1.38	1.38	2
3	1.04 B	2.188	1.408	8.86	2.03	1.08	0.883	1.09	0.883	2.28	1.35	1.35	3
4	1.00 B	2.068	1.378	15.7	1.92	1.11	0.888	1.03	3.80	1.83	1.35	1.32 B	4
5	0.9508	2.008	1.358	7.81	1.87	0.911	0.838	1.47	2.84	2.20	2.08	1.35 B	5
6	0.9258	1.958	1.338	5.77	1.71	0.835	0.802	1.06	1.59	1.74	4.14	1.21	6
7	0.8958	1.908	5.808	5.06	1.53	0.851	0.488	0.842	1.26	1.57	2.52	1.33	7
8	0.8858	1.888	8.008	4.33	1.41	0.884	0.423	0.833	1.12	1.46	2.36	1.08 B	8
9	0.8458	1.858	8.008	3.85	1.45	0.808	0.488	0.823	1.07	1.49	2.54	1.04 B	9
10	0.8308	1.838	8.308	3.25	1.88	0.778	0.888	0.808	0.983	1.84	2.58	1.01 B	10
11	0.8108	1.818	4.008	2.88	1.36	0.727	0.883	0.838	0.908	1.88	2.33	0.9808	11
12	0.8008	1.798	2.508	2.80	1.23	0.710	0.632	0.870	0.943	1.54	1.96	0.9858	12
13	0.7908	1.788	1.508	2.74	1.24	0.818	0.518	0.805	0.885	1.44	2.68	0.9558	13
14	0.7878	1.778	1.408	4.17	1.14	0.808	0.507	0.780	0.903	1.37	3.18	0.8408	14
15	0.7808	1.788	1.338	5.85	1.22	0.883	0.488	0.862	0.887	1.37	2.26	0.8308	15
16	0.7788	4.808	1.288	3.83	5.85	0.878	0.884	1.00	0.882	1.36	2.17	0.9258	16
17	0.7758	4.208	1.288	2.94	6.09	0.858	0.778	1.33	1.31	1.32	2.08	0.9208	17
18	5.80 B	3.758	1.808	2.08	3.82	0.871	0.888	1.21	1.30	2.86	1.94	0.8158	18
19	5.90 B	3.208	1.368	2.88	3.78	0.844	0.828	0.802	1.18	2.03	1.78	0.9108	19
20	5.20 B	3.908	1.338	2.80	3.88	0.877	0.848	0.782	1.21	1.87	2.00	2.22 B	20
21	4.00 B	2.908	1.308	2.78	3.38	0.830	0.878	0.780	1.14	1.40	2.73	1.70 B	21
22	2.80 B	3.208	1.408	2.38	2.38	1.87	0.885	0.780	1.07	2.48	2.12	1.30 B	22
23	2.38 B	5.108	5.008	2.32	1.88	2.45	0.820	0.848	1.73	2.27	1.82	1.80 B	23
24	2.15 B	3.508	20.0 B	2.43	1.87	1.13	0.878	1.18	1.34	2.30	1.67	2.80 B	24
25	2.08 B	2.508	15.0 B	2.17	1.89	0.822	1.02	1.83	1.12	2.08	1.85	2.00 B	25
26	1.95 B	1.808	10.5	2.28	1.50	0.800	1.52	1.84	1.02	1.78	1.73	1.80 B	26
27	1.82 B	1.738	11.7 B	2.34	1.42	0.728	1.38	1.84	1.21	1.88	1.78	2.00 B	27
28	1.89 B	1.638	4.808	2.87	1.28	0.851	0.833	1.33	1.84	1.82	1.71	8.00 B	28
29	1.87 B	1.558	4.64	3.28	1.20	0.884	0.801	1.18	1.28	1.51	1.58	5.00 B	29
30	1.85 B		5.67	3.62	1.11	0.843	0.788	1.05	1.18	1.48	1.80	3.60 B	30
31	7.00 B		4.38		1.03		0.843	0.878		1.44		2.10 B	31
TOTAL	88.880	74.83	144.40	122.87	84.53	38.414	20.941	32.185	38.039	54.07	63.02	55.800	TOTAL
MEAN	2.15	2.58	4.68	4.10	2.08	0.847	0.878	1.04	1.27	1.74	2.10	1.78	MEAN
MAX	8.20	8.10	20.0	15.7	8.08	2.48	1.52	1.83	3.80	2.88	4.14	8.00	MAX
MIN	0.775	1.88	1.28	2.17	1.03	0.830	0.423	0.780	0.887	1.32	1.35	0.810	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 2.08
MAXIMUM DAILY, 20.08 ON MAR 24
MINIMUM DAILY, 0.423 ON JUL 8
MAXIMUM INSTANTANEOUS,
48.8 AT 03:43 EST ON MAR 24

SUMMARY FOR THE YEAR 1988

TYPE OF GAUGE - RECORDING
LOCATION - LAT 43 51 10 N
LONG 79 03 44 W
DRAINAGE AREA, 249 km²

B - ICE CONDITIONS

REGULATED

MONTHLY TOTAL DISCHARGE
IN CUBIC DECAMETRES

JAN	5 750	JUL	1 810
FEB	6 470	AUG	2 780
MAR	12 800	SEP	3 290
APR	10 800	OCT	4 670
MAY	5 880	NOV	5 440
JUN	3 200	DEC	4 800

TOTAL DISCHARGE, 65 900 dam³

EAGLE RIVER AT EAGLE RIVER - STATION NO. 0500003

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1988

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	8.85	8.85	8.85	7.78	3.82	3.82	3.82	3.82	3.82	3.82	3.82	3.82	1
2	8.85	8.85	8.85	7.78	3.82	3.82	3.82	3.82	3.82	3.82	3.82	3.82	2
3	8.85	8.85	8.85	7.78	3.82	3.82	3.82	3.82	3.82	3.82	3.82	3.82	3
4	8.85	8.85	8.85	7.78	3.82	3.82	3.82	3.82	3.82	3.82	3.82	3.82	4
5	8.85	8.85	8.85	7.78	3.82	3.82	3.82	3.82	3.82	3.82	3.82	3.82	5
6	8.85	8.85	8.85	7.78	3.82	3.82	3.82	3.82	3.82	3.82	3.82	3.82	6
7	8.85	8.85	8.85	7.78	3.82	3.82	3.82	3.82	3.82	3.82	3.82	3.82	7
8	8.85	8.85	8.85	7.78	3.82	3.82	3.82	3.82	3.82	3.82	3.82	3.82	8
9	8.85	8.85	8.85	7.78	3.82	3.82	3.82	3.82	3.82	3.82	3.82	3.82	9
10	8.85	8.85	8.85	7.78	3.82	3.82	3.82	3.82	3.82	3.82	3.82	3.82	10
11	8.85	8.85	8.85	7.78	3.82	3.82	3.82	3.82	3.82	3.82	3.82	3.82	11
12	8.85	8.85	8.85	7.78	3.82	3.82	3.82	3.82	3.82	3.82	3.82	3.82	12
13	8.85	8.85	8.85	7.78	3.82	3.82	3.82	3.82	3.82	3.82	3.82	3.82	13
14	8.85	8.85	8.85	7.78	3.82	3.82	3.82	3.82	3.82	3.82	3.82	3.82	14
15	8.85	8.85	8.85	3.82	3.82	3.82	3.82	3.82	3.82	3.82	3.82	3.82	15
16	8.85	8.85	8.85	3.82	3.82	3.82	3.82	3.82	3.82	3.82	3.82	3.82	16
17	8.85	8.85	8.85	3.82	3.82	3.82	3.82	3.82	3.82	3.82	3.82	3.82	17
18	8.85	8.85	8.85	3.82	3.82	3.82	3.82	3.82	3.82	3.82	3.82	3.82	18
19	8.85	8.85	8.85	3.82	3.82	3.82	3.82	3.82	3.82	3.82	3.82	3.82	19
20	8.85	8.85	8.85	3.82	3.82	3.82	3.82	3.82	3.82	3.82	3.82	3.82	20
21	8.85	8.85	8.85	3.82	3.82	3.82	3.82	3.82	3.82	3.82	3.82	3.82	21
22	8.85	8.85	8.85	3.82	3.82	3.82	3.82	3.82	3.82	3.82	3.82	3.82	22
23	8.85	8.85	8.85	3.82	3.82	3.82	3.82	3.82	3.82	3.82	3.82	3.82	23
24	8.85	8.85	8.85	3.82	3.82	3.82	3.82	3.82	3.82	3.82	3.82	3.82	24
25	8.85	8.85	8.85	3.82	3.82	3.82	3.82	3.82	3.82	3.82	3.82	3.82	25
26	8.85	8.85	8.85	3.82	3.82	3.82	3.82	3.82	3.82	3.82	3.82	3.82	26
27	8.85	8.85	8.85	3.82	3.82	3.82	3.82	3.82	3.82	3.82	3.82	3.82	27
28	8.85	8.85	8.85	3.82	3.82	3.82	3.82	3.82	3.82	3.82	3.82	3.82	28
29	8.85	8.85	8.85	3.82	3.82	3.82	3.82	3.82	3.82	3.82	3.82	3.82	29
30	8.85		8.85	3.82	3.82	3.82	3.82	3.82	3.82	3.82	3.82	3.82	30
31	8.85		8.85		3.82		3.82	3.82		3.82		3.82	31
TOTAL	265.15	192.85	265.15	170.18	118.42	114.80	118.42	118.42	114.80	118.42	114.80	118.42	TOTAL
MEAN	8.85	8.85	8.85	5.87	3.82	3.82	3.82	3.82	3.82	3.82	3.82	3.82	MEAN
MAX	8.85	8.85	8.85	7.78	3.82	3.82	3.82	3.82	3.82	3.82	3.82	3.82	MAX
MIN	8.85	8.85	8.85	3.82	3.82	3.82	3.82	3.82	3.82	3.82	3.82	3.82	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 4.68
MAXIMUM DAILY, 7.78 ON APR 1
MINIMUM DAILY, 3.82 ON APR 15

DATA CONTRIBUTED BY -
GREAT LAKES FOREST PRODUCTS LIMITED

SUMMARY FOR THE YEAR 1988

TYPE OF GAUGE - POWER PLANT
LOCATION - LAT 48 47 30 N
LONG 83 11 40 W
DRAINAGE AREA, 2 510 km²

REGULATED SINCE 1920

MONTHLY TOTAL DISCHARGE
IN CUBIC DECAMETRES

JAN	17 800	JUL	10 200
FEB	15 700	AUG	10 200
MAR	17 800	SEP	9 800
APR	14 700	OCT	10 200
MAY	10 200	NOV	9 800
JUN	9 800	DEC	10 200

TOTAL DISCHARGE, 148 000 dam³

EAST BRANCH SCOTCH RIVER NEAR ST. ISIDORE DE PRESCOTT - STATION NO. 02LB012

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1988

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	---	---	---	3.85	3.01	0.161	0.469	0.003	0.003	0.001	0.459	0.759	1
2	---	---	---	3.14	2.05	0.170	0.425	0.003	0.002	0.006	1.88	0.820	2
3	---	---	---	3.21	1.45	0.240	0.349	0.005	0.002	0.035	3.13	0.830	3
4	---	---	---	5.05	1.05	0.177	0.182	0.005	0.002	0.015	2.32	---	4
5	---	---	---	4.63	0.834	0.108	0.149	0.004	0.002	0.049	2.21	---	5
6	---	---	---	3.37	0.694	0.085	0.109	0.003	0.003	0.107	4.77	---	6
7	---	---	---	2.49	0.585	0.131	0.080	0.002	0.002	0.068	4.11	---	7
8	---	---	---	1.93	0.445	0.141	0.074	0.001	0.001	0.062	3.48	---	8
9	---	---	---	1.61	0.356	0.161	0.058	0.001	0	0.070	2.84	---	9
10	---	---	---	1.38	0.323	0.141	0.047	0.001A	0	0.054	2.43	---	10
11	---	---	---	1.10	0.284	0.068	0.038	0.001	0	0.058	2.07	---	11
12	---	---	---	0.883	0.208	0.084	0.030E	0	0	0.070	1.72	---	12
13	---	---	---	0.813	0.805	0.080	0.023A	0	0	0.081	1.59	0.1208	13
14	---	---	---	0.788	0.351	0.041	0.017	0.002	0	0.083A	2.08	---	14
15	---	---	---	0.723	0.306	0.033	0.012	0.002	0	0.078E	1.88	---	15
16	---	---	---	0.870	0.275	0.010	0.008	0	0	0.088E	1.43	---	16
17	---	---	---	0.588	0.220	0.015	0.010	0.001	0	0.081A	1.28	---	17
18	---	0.1438	---	0.583	0.233	0.027	0.007	0.001	0.008	0.057	1.06	---	18
19	---	---	---	0.557	0.812	0.018	0.007	0	0.007	0.038	0.881	---	19
20	---	---	0.2898	0.810	0.478	0.038	0.014	0	0.004	0.023	0.798	---	20
21	---	---	0.2638	0.447	0.481	0.030	0.007	0	0.004	0.027	0.823	---	21
22	---	---	0.2408	0.377	0.804	0.074	0.008	0	0.003	0.081	0.825	---	22
23	---	---	0.2308	0.338	0.828	0.041	0.008	0	0.004	0.410	0.822	---	23
24	---	---	1.01 B	0.472	0.338	0.027	0.009	0	0.004	1.13	0.780	---	24
25	---	---	3.04 B	0.824	0.270	0.052	0.019	0.057	0.003	1.24	0.880	---	25
26	---	---	5.85 B	0.584	0.191	0.148	0.013	0.047	0.002	1.13	0.809	---	26
27	---	---	7.65 B	0.742	0.169	0.113	0.015	0.012	0.002	0.847	0.595	---	27
28	---	---	8.37 B	2.38	0.155	0.587	0.008	0.007	0.001	0.648	0.893	---	28
29	---	---	4.08 B	5.62	0.135	0.559	0.005	0.007	0.001	0.784	0.858	---	29
30	---		3.37 B	4.33	0.127	0.330	0.004	0.005	0.001	0.838	0.849	---	30
31	---		4.08		0.142		0.004	0.004		0.819		---	31
TOTAL	---	---	---	53.580	17.368	2.800	2.238	0.174	0.059	8.842	50.279	---	TOTAL
MEAN	---	---	---	1.78	0.560	0.093	0.072	0.006	0.002	0.285	1.68	---	MEAN
MAX	---	---	---	5.62	3.01	0.240	0.488	0.057	0.007	1.24	4.77	---	MAX
MIN	---	---	---	0.338	0.127	0.010	0.004	0	0	0.001	0.459	---	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MAXIMUM DAILY, 7.888 ON MAR 27
MINIMUM DAILY, 0 ON AUG 12

SUMMARY FOR THE YEAR 1988

TYPE OF GAUGE - RECORDING
LOCATION - LAT 45 22 11 N
LONG 74 54 00 W
DRAINAGE AREA, 78.7 km²
A - MANUAL GAUGE
B - ICE CONDITIONS
E - ESTIMATED
NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	---	JUL	193
FEB	---	AUG	15.0
MAR	---	SEP	5.10
APR	4 830	OCT	784
MAY	1 500	NOV	4 340
JUN	242	DEC	---

REMARKS - SEASONAL MAY-DEC

EAST HUMBER RIVER AT KING CREEK - STATION NO. 02HC032

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1988

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	0.3208	1.38	0.2088	1.20	0.826	0.134	0.075	0.088	0.088	0.101	0.123	0.201	1
2	0.3008	0.848	0.2088	1.08	0.830	0.127	0.074	0.082	0.088	0.282	0.127	0.185	2
3	0.2808	0.4208	0.2028	1.48	0.438	0.126	0.071	0.113	0.078	0.338	0.132	0.170	3
4	0.233	0.3808	0.1878	3.38	0.373	0.144	0.074	0.102	0.272	0.213	0.120	0.160	4
5	0.2408	0.3208	0.1848	2.18	0.330	0.134	0.068	0.083	0.488	0.229	0.133	0.159	5
6	0.2258	0.3008	0.2308	1.87	0.317	0.104	0.074	0.082	0.278	0.180	0.611	0.158	6
7	0.2058	0.2808	0.8448	1.38	0.281	0.104	0.072	0.071	0.185	0.167	0.404	0.180	7
8	0.1808	0.2658	0.8798	1.17	0.234	0.107	0.073	0.071	0.121	0.188	0.308	0.1808	8
9	0.1808	0.2558	1.78 B	0.885	0.220	0.108	0.072	0.070	0.087	0.178	0.488	0.1558	9
10	0.178	0.2458	2.18	0.673	0.241	0.101	0.068	0.071	0.080	0.181	0.584	0.1538	10
11	0.183	0.2408	1.78	0.788	0.285	0.118	0.071	0.074	0.081	0.158	0.883	0.1508	11
12	0.172	0.2308	1.38	0.845	0.217	0.118	0.070	0.081	0.082	0.174	0.404	0.1488	12
13	0.1808	0.2258	0.832	0.578	0.230	0.103	0.087	0.075	0.082	0.188	0.575	0.1488	13
14	0.1838	0.2208	0.718	0.584	0.197	0.081	0.087	0.088	0.077	0.184	0.764	0.158	14
15	0.1488	0.2508	0.5888	0.741	0.190	0.088	0.082	0.088	0.075	0.185	0.487	0.179	15
16	0.142	0.3008	0.4908	0.823	3.23	0.082	0.082	0.089	0.078	0.157	0.385	0.184	16
17	0.180	0.3128	0.5408	0.824	5.33	0.078	0.086	0.071	0.104	0.143	0.332	0.132	17
18	1.25	0.2858	0.604	0.636	1.60	0.074	0.082	0.079	0.113	0.282	0.278	0.131	18
19	0.889	0.2708	0.634	0.538	1.12	0.074	0.082	0.087	0.108	0.367	0.239	0.150	19
20	1.15	0.2608	0.413	0.470	1.21	0.074	0.082	0.078	0.085	0.232	0.295	0.210	20
21	1.40	0.2708	0.387	0.503	1.08	0.088	0.080	0.085	0.088	0.182	0.833	0.270	21
22	0.4408	0.2658	0.306	0.588	0.830	0.204	0.088	0.081	0.080	0.210	0.628	0.215	22
23	0.614	0.2488	0.873	0.538	0.887	0.241	0.075	0.087	0.084	0.283	0.388	0.383	23
24	0.398	0.2408	0.69	0.509	0.805	0.172	0.188	0.083	0.102	0.239	0.324	0.470	24
25	0.3388	0.2328	3.83	0.448	0.429	0.115	0.182	0.131	0.093	0.233	0.281	0.388	25
26	0.3008	0.2288	4.78	0.483	0.431	0.094	0.431	0.128	0.083	0.189	0.281	0.348	26
27	0.2888	0.2208	2.98	0.455	0.381	0.088	0.287	0.101	0.085	0.170	0.281	0.319	27
28	0.2708	0.2158	1.84	0.824	0.290	0.088	0.181	0.088	0.107	0.158	0.288	0.887	28
29	0.2558	0.2108	1.47	0.887	0.222	0.075	0.103	0.082	0.104	0.148	0.232	0.428	29
30	0.241		1.53	0.826	0.184	0.077	0.083	0.071	0.117	0.141	0.207	0.382	30
31	0.888		1.38		0.153		0.083	0.073		0.130		0.288	31
TOTAL	12.018	8.083	40.052	28.887	21.383	3.411	3.102	2.574	3.571	8.180	10.851	7.234	TOTAL
MEAN	0.388	0.313	1.29	0.887	0.889	0.114	0.100	0.083	0.119	0.189	0.388	0.233	MEAN
MAX	1.40	1.38	8.88	3.38	5.33	0.241	0.431	0.131	0.485	0.387	0.784	0.887	MAX
MIN	0.183	0.210	0.184	0.446	0.153	0.088	0.080	0.081	0.088	0.101	0.120	0.131	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 0.388
MAXIMUM DAILY, 8.88 ON MAR 24
MINIMUM DAILY, 0.080 ON JUL 21
MAXIMUM INSTANTANEOUS,
11.1 AT 02:28 EST ON MAY 17

SUMMARY FOR THE YEAR 1988

TYPE OF GAUGE - RECORDING
LOCATION - LAT 43 54 10 N
LONG 79 38 48 W
DRAINAGE AREA, 84.8 km²

B - ICE CONDITIONS

NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	1 040	JUL	268
FEB	783	AUG	222
MAR	3 480	SEP	305
APR	2 320	OCT	632
MAY	1 850	NOV	920
JUN	288	DEC	625

TOTAL DISCHARGE, 12 800 dam³

EAST NUMBER RIVER NEAR PINE GROVE - STATION NO. 02HC009

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1986

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	0.570 B	2.40 B	0.650 B	2.22	1.36	0.417	0.203	0.287	0.182	0.282	0.317	0.443	1
2	0.540 B	1.59 B	0.640 B	2.05	1.15	0.371	0.200	0.252	0.173	0.585	0.328	0.427	2
3	0.490 B	1.06 B	0.630 B	2.54	1.01	0.376	0.195	0.224	0.274	0.592	0.309	0.416	3
4	0.450 B	1.00 B	0.520 B	5.67	0.897	0.371	0.188	0.238	0.786	0.522	0.316	0.372	4
5	0.410 B	0.950 B	0.510 B	5.20	0.812	0.367	0.177	0.228	0.858	0.505	0.518	0.370	5
6	0.380 B	0.910 B	0.763 B	3.48	0.784	0.384	0.181	0.233	0.888	0.414	0.578	0.370	6
7	0.365 B	0.880 B	2.30 B	2.88	0.748	0.388	0.178	0.196	0.444	0.336	0.716	0.376	7
8	0.335 B	0.880 B	3.74 B	2.49	0.689	0.347	0.184	0.187	0.334	0.292	0.672	0.381	8
9	0.320 B	0.820 B	5.42 B	2.11	0.661	0.317	0.185	0.178	0.277	0.305	0.619	0.363	9
10	0.310 B	0.800 B	5.46 B	1.76	0.657	0.303	0.167	0.166	0.245	0.390	0.892	0.3808	10
11	0.300 B	0.780 B	4.43 B	1.55	0.669	0.291	0.177	0.180	0.214	0.338	0.883	0.3488	11
12	0.288 B	0.770 B	3.39	1.40	0.656	0.277	0.174	0.211	0.224	0.336	0.731	0.3468	12
13	0.280 B	0.750 B	2.34	1.28	0.614	0.288	0.162	0.182	0.253	0.337	1.05	0.3418	13
14	0.285 B	0.740 B	1.86	1.33	0.577	0.261	0.157	0.190	0.217	0.338	1.17	0.3408	14
15	0.290 B	0.780 B	1.47	1.46	0.741	0.236	0.148	0.193	0.200	0.341	0.905	0.4408	15
16	0.278 B	0.760 B	1.28	1.37	1.91	0.241	0.175	0.182	0.238	0.331	0.882	0.4108	16
17	0.328 B	0.780 B	1.19	1.24	7.81	0.213	0.223	0.245	0.759	0.302	0.663	0.3908	17
18	0.8618	0.740 B	1.34	1.24	3.16	0.201	0.177	0.185	0.338	0.701	0.538	0.3708	18
19	1.50 B	0.630 B	1.32	1.19	2.11	0.203	0.177	0.166	0.276	0.582	0.475	0.3808	19
20	2.12 B	0.780 B	1.05	1.08	1.87	0.307	0.185	0.185	0.254	0.526	0.645	0.3988	20
21	2.80 B	0.758 B	0.868	1.05	1.84	0.230	0.171	0.162	0.238	0.488	0.885	0.4308	21
22	1.56 B	0.600 B	0.833	1.13	1.64	0.506	0.173	0.155	0.231	0.484	0.982	0.4408	22
23	0.852 B	0.780 B	1.19	1.13	1.26	0.484	0.173	0.167	0.337	0.489	0.748	0.575	23
24	0.800 B	0.710 B	0.90	1.08	1.05	0.507	0.200	0.242	0.248	0.521	0.632	0.552	24
25	0.760 B	0.670 B	0.82	0.980	0.859	0.386	0.348	0.302	0.282	0.484	0.562	0.651	25
26	0.740 B	0.630 B	11.4	0.845	0.800	0.297	0.444	0.298	0.242	0.450	0.524	0.614	26
27	0.710 B	0.610 B	6.50	1.02	0.762	0.263	0.847	0.283	0.337	0.390	0.505	0.640	27
28	0.700 B	0.585 B	3.31	1.05	0.898	0.244	0.437	0.244	0.285	0.356	0.484	1.09	28
29	0.690 B	0.570 B	2.62	1.26	0.591	0.236	0.302	0.255	0.269	0.327	0.487	1.05	29
30	0.682 B		2.75	1.56	0.502	0.221	0.404	0.214	0.258	0.331	0.469	0.832	30
31	0.680 B		2.54		0.438		0.310	0.198		0.330		0.887	31
TOTAL	21.805	25.080	90.434	58.185	38.184	9.478	7.184	6.686	9.896	12.972	18.259	15.331	TOTAL
MEAN	0.703	0.895	2.92	1.94	1.26	0.316	0.231	0.212	0.330	0.418	0.642	0.495	MEAN
MAX	2.80	2.40	11.4	5.67	7.81	0.508	0.847	0.302	0.858	0.701	1.17	1.09	MAX
MIN	0.278	0.570	0.510	0.845	0.438	0.201	0.148	0.155	0.173	0.282	0.309	0.340	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 0.882
MAXIMUM DAILY, 11.4 ON MAR 26
MINIMUM DAILY, 0.148 ON JUL 15
MAXIMUM INSTANTANEOUS,
16.5 AT 17:50 EST ON MAR 24

SUMMARY FOR THE YEAR 1986

TYPE OF GAUGE - RECORDING
LOCATION - LAT 43 47 32 N
LONG 79 35 06 W
DRAINAGE AREA, 187 km²

B - ICE CONDITIONS

NATURAL FLOW

MONTHLY TOTAL DISCHARGE
IN CUBIC DECAMETRES

JAN	1 680	JUL	618
FEB	2 170	AUG	569
MAR	7 810	SEP	855
APR	5 030	OCT	1 120
MAY	3 300	NOV	1 650
JUN	818	DEC	1 320

TOTAL DISCHARGE, 27 200 dam³

EAST OAKVILLE CREEK NEAR OMACH - STATION NO. 02HB004

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1986

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	1.15 B	4.34	1.168	1.91	0.628	0.315	0.103	0.122	0.083	0.108	0.182	0.314	1
2	1.10 B	2.43	1.228	1.58	0.650	0.314	0.100	0.127	0.085	0.144	0.181	0.301	2
3	1.05 B	1.80 B	1.368	4.46	0.711	0.316	0.084	0.102	0.112	0.206	0.165	0.2448	3
4	1.02 B	1.30 B	1.308	12.0	0.663	0.289	0.090	0.086	0.588	0.169	0.165	0.2308	4
5	0.950 B	1.10 B	1.288	5.08	0.578	0.225	0.073	0.082	0.423	0.169	0.200	0.284	5
6	0.870 B	0.980 B	1.308	3.13	0.458	0.185	0.082	0.080	0.198	0.153	0.816	0.235	6
7	0.810 B	0.940 B	2.508	2.67	0.434	0.218	0.045	0.081	0.159	0.140	0.381	0.2108	7
8	0.770 B	0.950 B	5.308	2.26	0.386	0.273	0.045	0.059	0.130	0.140	0.370	0.1808	8
9	0.730 B	0.930 B	4.808	1.58	0.418	0.256	0.048	0.064	0.113	0.145	0.602	0.1658	9
10	0.710 B	0.900 B	5.108	1.25	0.485	0.221	0.068	0.062	0.095	0.142	0.583	0.1538	10
11	0.700 B	0.880 B	5.808	1.11	0.444	0.205	0.083	0.042	0.086	0.166	0.726	0.1488	11
12	0.730 B	0.890 B	4.808	1.03	0.400	0.195	0.145	0.132	0.095	0.170	0.456	0.1488	12
13	0.760 B	0.920 B	3.208	1.06	0.397	0.181	0.130	0.120	0.093	0.140	1.00	0.1508	13
14	0.850 B	1.05 B	2.108	1.04	0.381	0.150	0.108	0.088	0.096	0.132	1.31	0.1568	14
15	0.840 B	1.30 B	1.808	1.22	0.397	0.091	0.095	0.108	0.090	0.122	0.886	0.1588	15
16	0.800 B	1.25 B	1.408	1.02	1.19	0.099	0.100	0.096	0.084	0.113	0.574	0.1508	16
17	0.733	1.12 B	1.188	0.923	0.883	0.092	0.259	0.096	0.363	0.113	0.490	0.1468	17
18	1.58	1.02 B	1.388	1.01	0.642	0.111	0.238	0.150	0.308	0.345	0.387	0.1438	18
19	1.87	1.04 B	1.228	0.954	0.620	0.105	0.153	0.101	0.176	0.378	0.330	0.1438	19
20	5.13	1.06 B	1.128	0.886	0.743	0.095	0.151	0.091	0.162	0.238	0.628	0.1518	20
21	5.03	1.13 B	1.008	0.915	0.897	0.076	0.153	0.077	0.153	0.217	2.37	0.2108	21
22	1.46	1.30 B	1.008	0.767	0.900	0.089	0.194	0.088	0.135	0.278	1.26	0.1908	22
23	1.18	1.60 B	1.108	0.750	0.653	0.151	0.181	0.085	0.129	0.300	0.728	0.2208	23
24	1.02	2.20 B	1.308	0.787	0.576	0.124	0.279	0.128	0.133	0.264	0.558	0.3508	24
25	0.880	3.20 B	2.508	0.744	0.510	0.122	0.191	0.228	0.133	0.258	0.411	0.3108	25
26	0.764	1.80 B	13.2	0.590	0.441	0.113	0.128	0.160	0.118	0.232	0.377	0.2808	26
27	0.677	1.60 B	8.06	0.563	0.405	0.103	0.098	0.107	0.112	0.197	0.388	0.3008	27
28	0.804	1.45 B	3.66	0.597	0.374	0.073	0.092	0.097	0.105	0.172	0.356	3.50 B	28
29	0.840	1.33 B	2.87	0.808	0.346	0.080	0.085	0.100	0.111	0.183	0.327	1.80 B	29
30	1.05		2.84	1.07	0.342	0.081	0.073	0.091	0.110	0.158	0.282	1.10 B	30
31	1.80		2.22		0.317		0.128	0.083		0.159		0.8008	31
TOTAL	38.368	41.830	88.69	54.854	17.588	4.920	3.762	3.112	4.791	5.841	17.120	12.881	TOTAL
MEAN	1.24	1.45	2.90	1.82	0.567	0.164	0.121	0.100	0.160	0.188	0.571	0.415	MEAN
MAX	5.13	4.34	13.2	13.0	1.19	0.316	0.259	0.239	0.588	0.378	2.37	3.50	MAX
MIN	0.677	0.890	1.00	0.563	0.317	0.073	0.045	0.043	0.083	0.108	0.155	0.143	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 0.806
MAXIMUM DAILY, 13.2 ON MAR 26
MINIMUM DAILY, 0.042 ON AUG 11
MAXIMUM INSTANTANEOUS,
18.4 AT 04:00 EST ON MAR 26

SUMMARY FOR THE YEAR 1986

TYPE OF GAUGE - RECORDING
LOCATION - LAT 43 28 55 N
LONG 79 46 40 W
DRAINAGE AREA, 189 km²

B - ICE CONDITIONS

NATURAL FLOW

MONTHLY TOTAL DISCHARGE
IN CUBIC DECAMETRES

JAN	3 310	JUL	325
FEB	3 630	AUG	289
MAR	7 770	SEP	414
APR	4 720	OCT	805
MAY	1 520	NOV	1 480
JUN	835	DEC	1 110

TOTAL DISCHARGE, 25 800 dam³

EAST RIVER NEAR HUNTSVILLE - STATION NO. 02EB013

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1986

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	7.208	7.508	4.208	36.0B	24.4	6.01	1.27	0.876	7.08	4.74	11.2	14.5	1
2	8.908	12.0 B	4.108	41.0B	22.3	5.38	1.14	0.969	6.64	8.74	11.0	13.2 A	2
3	8.858	15.0 B	4.008	52.0B	16.3	4.92	1.14	0.984	6.35	10.8	10.4	12.4 E	3
4	8.408	15.9 B	3.958	97.0B	8.78	4.45	1.06	0.903	6.24	11.4	9.72	11.8 E	4
5	8.108	14.3 B	3.908	104	14.8	4.14	0.990	1.78	7.80	12.9	10.2	10.8 A	5
6	5.908	12.7 B	3.878	101	14.9	3.88	1.01	3.10	8.44	16.4	12.9	9.91	6
7	5.858	11.5 B	3.858	106	13.1	3.42	0.917	3.17	8.16	17.0	15.2	9.74	7
8	5.458	10.4 B	3.838	107	12.0	3.16	0.891	2.80	7.43	16.2	15.5	8.71	8
9	5.308	9.738	3.988	84.3	11.2	3.05	0.923	2.61	6.76	14.3	15.0	8.208	9
10	5.108	9.108	4.328	63.7	11.8	2.73	0.929	3.07	6.32	12.9	14.8	7.708	10
11	4.908	8.808	4.808	53.3	12.2	2.96	0.913	3.33	5.15	12.9	25.5	7.408	11
12	4.708	8.108	5.008	46.7	11.8	2.42	0.891	2.92	5.89	12.8	37.1	7.088	12
13	4.558	7.608	4.958	43.2	12.3	2.34	0.910	2.67	5.73	12.6	31.7	6.708	13
14	4.408	7.408	4.858	40.4	12.8	2.23	0.889	2.84	5.67	12.0	30.3	6.358	14
15	4.258	7.108	4.708	41.2	13.8	2.18	0.942	2.71	5.14	11.2	28.3	6.108	15
16	4.208	6.708	4.558	39.1	16.3	2.14	0.918	2.72	5.37	10.3	26.3	5.908	16
17	4.258	6.458	4.408	36.0	17.6	2.03	0.899	3.62	4.92	9.43	24.7	5.708	17
18	4.358	6.108	4.208	31.8	18.7	1.93	0.867	5.87	4.75	12.8	23.8	5.608	18
19	4.558	5.908	3.958	29.0	16.0	1.80	0.838	6.40	4.78	21.8	21.8	5.558	19
20	4.658	5.858	3.858	25.1	14.0	1.73	0.867	6.47	4.75	23.2	19.5	5.608	20
21	4.708	5.508	3.758	24.2	14.1	1.70	1.01	6.44	5.18	20.8	17.6	5.708	21
22	4.758	5.358	3.708	23.4	13.8	1.78	0.903	6.47	5.20	17.4	16.2	5.758	22
23	4.808	5.208	3.708	22.7	13.0	1.88	0.912	7.62	4.88	15.7	14.6	5.808	23
24	4.808	5.008	3.758	24.5	12.0	1.78	0.864	7.88	4.74	14.0	13.7	5.758	24
25	4.808	4.858	3.958	27.1	11.0	1.72	1.01	8.83	4.63	13.1	12.8	5.708	25
26	4.758	4.708	4.508	28.1	10.1	1.66	1.06	9.07	4.19	13.0	12.3	5.708	26
27	4.858	4.558	5.008	27.6	9.33	1.64	1.28	11.0	4.29	12.8	12.4	5.758	27
28	4.558	4.408	18.5 B	25.7	8.44	1.62	1.25	10.2	4.77	12.1	14.3	5.708	28
29	4.358	4.308	20.0 B	23.3	7.92	1.56	1.20	8.56	4.83	12.3	14.6	5.658	29
30	4.308		23.5 B	25.0	7.28	1.49	1.13	7.91	4.66	12.1	15.1	5.508	30
31	5.108		28.5 B		6.89		1.08	7.42		11.8		5.408	31
TOTAL	157.00	231.78	207.06	1 435.4	405.85	78.05	31.214	148.814	173.71	417.31	593.42	230.61	TOTAL
MEAN	5.06	7.99	6.68	47.8	13.1	2.64	1.01	4.79	5.79	13.5	18.4	7.44	MEAN
MAX	7.20	15.9	28.5	106	24.4	6.01	1.27	11.0	8.44	23.2	37.1	14.5	MAX
MIN	4.20	4.30	3.70	22.7	6.89	1.49	0.867	0.903	4.19	4.74	9.72	5.40	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 11.1
MAXIMUM DAILY, 106 ON APR 7
MINIMUM DAILY, 0.867 ON JUL 18
MAXIMUM INSTANTANEOUS,
112 AT 02:00 EST ON APR 8

SUMMARY FOR THE YEAR 1986

TYPE OF GAUGE - RECORDING
LOCATION - LAT 45 23 33 N
LONG 79 09 33 W
DRAINAGE AREA, 593 km²
A - MANUAL GAUGE
B - ICE CONDITIONS
E - ESTIMATED
NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	13 800	JUL	2 700
FEB	20 000	AUG	12 800
MAR	17 800	SEP	15 000
APR	124 000	OCT	36 100
MAY	35 100	NOV	47 800
JUN	6 630	DEC	19 900

TOTAL DISCHARGE, 382 000 dam³

EAST TRIBUTARY TO PERCH LAKE INLET NO. 2 NEAR CHALK RIVER - STATION NO. 02KA010

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1986

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	0.001	0.001	0	0.005	---	---	---	---	---	---	---	---	1
2	0.001	0.001	0	0.006	---	---	---	---	---	---	---	---	2
3	0.001	0	0	0.009	---	---	---	---	---	---	---	---	3
4	0.001	0	0	0.012	---	---	---	---	---	---	---	---	4
5	0.001	0	0	0.011	---	---	---	---	---	---	---	---	5
6	0	0	0	0.013	---	---	---	---	---	---	---	---	6
7	0	0	0	0.012	---	---	---	---	---	---	---	---	7
8	0	0	0	0.008	---	---	---	---	---	---	---	---	8
9	0	0	0	0.006	---	---	---	---	---	---	---	---	9
10	0	0	0	0.005	---	---	---	---	---	---	---	---	10
11	0	0	0	0.005	---	---	---	---	---	---	---	---	11
12	0.001	0	0	---	---	---	---	---	---	---	---	---	12
13	0.001	0	0	---	---	---	---	---	---	---	---	---	13
14	0	0	0	---	---	---	---	---	---	---	---	---	14
15	0	0	0	---	---	---	---	---	---	---	---	---	15
16	0	0	0	---	---	---	---	---	---	---	---	---	16
17	0.001	0	0	---	---	---	---	---	---	---	---	---	17
18	0.001	0	0	---	---	---	---	---	---	---	---	---	18
19	0.001	0	0	---	---	---	---	---	---	---	---	---	19
20	0.001	0	0	---	---	---	---	---	---	---	---	---	20
21	0.001	0	0	---	---	---	---	---	---	---	---	---	21
22	0.001	0	0	---	---	---	---	---	---	---	---	---	22
23	0.001	0.001	0	---	---	---	---	---	---	---	---	---	23
24	0.001	0	0	---	---	---	---	---	---	---	---	---	24
25	0.001	0	0.001	---	---	---	---	---	---	---	---	---	25
26	0.001	0	0.003	---	---	---	---	---	---	---	---	---	26
27	0.001	0	0.004	---	---	---	---	---	---	---	---	---	27
28	0	0	0.002	---	---	---	---	---	---	---	---	---	28
29	0	0	0.002	---	---	---	---	---	---	---	---	---	29
30	0		0.003	---	---	---	---	---	---	---	---	---	30
31	0.001		0.005		---		---	---		---		---	31
TOTAL	0.018	0.003	0.020	---	---	---	---	---	---	---	---	---	TOTAL
MEAN	0.001	0	0.001	---	---	---	---	---	---	---	---	---	MEAN
MAX	0.001	0.001	0.005	---	---	---	---	---	---	---	---	---	MAX
MIN	0	0	0	---	---	---	---	---	---	---	---	---	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MINIMUM DAILY, 0 ON JAN 6

SUMMARY FOR THE YEAR 1986

TYPE OF GAUGE - RECORDING
LOCATION - LAT 46 02 20 N
LONG 77 22 31 W
DRAINAGE AREA, 0.25 km²

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	1.84	JUL	---
FEB	0.26	AUG	---
MAR	1.73	SEP	---
APR	---	OCT	---
MAY	---	NOV	---
JUN	---	DEC	---

REMARKS - DISCHARGES TO FOUR SIGNIFICANT FIGURES AVAILABLE FROM REGIONAL OFFICE. STATION DISCONTINUED APR 12 1986

EELS CREEK BELOW APSLEY - STATION NO. 02HM001

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1988

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	4.068	5.008	1.898	11.3 B	4.03	2.27	1.22	1.45	2.85	1.12	1.19	3.23	1
2	3.838	5.108	1.978	12.3 B	3.73	2.22	1.18	1.41	2.78	1.17	1.17	3.10	2
3	3.618	4.738	1.978	14.1 B	3.45	2.14	1.12	1.48	2.62	1.28	1.16	3.02	3
4	3.438	4.008	1.948	18.8	3.46	2.07	1.11	1.86	2.62	1.22	1.18	2.85	4
5	3.288	3.458	1.918	22.8	3.93	1.98	1.08	1.82	2.78	1.19	1.24	2.47	5
6	3.188	3.048	1.888	20.6	3.63	1.82	1.13	1.83	2.64	1.14 E	1.78	3.09	6
7	3.088	2.898	1.868	18.9	3.31	1.88	1.58	1.32	2.33	1.10 E	2.23	2.78	7
8	2.978	2.578	1.908	16.1	2.85	1.85	1.50	1.11	2.04	1.06	2.32	2.45	8
9	2.848	2.418	1.928	11.5	2.57	1.74	1.58	1.09	1.73	0.985	2.61	2.018	9
10	2.748	2.278	1.958	9.03	2.73	1.73	1.48	1.17	0.898	0.868	2.59	1.788	10
11	2.808	2.218	1.895	7.13	2.75	1.89	1.80	1.13	0.881	0.833	2.85	1.688	11
12	2.588	2.188	2.018	5.84	2.59	1.86	1.47	1.04	0.831	0.821	2.81	1.638	12
13	2.558	2.108	2.018	5.12	3.12	1.88	1.38	0.882	0.476	0.885	3.00	1.618	13
14	2.488	2.048	2.008	5.03	3.98	1.82	1.35	0.934	0.442	0.831	4.18	1.638	14
15	2.388	2.028	1.968	6.13	3.15	1.83	1.84	0.826	0.413	0.773	4.87	1.728	15
16	2.338	2.208	1.958	6.08	3.85	1.88	2.48	0.888	0.392	0.735	4.46	1.688	16
17	2.288	2.588	1.928	5.71	4.52	1.97	2.49	0.888	0.388	0.885	4.51	1.628	17
18	2.84	2.438	1.888	5.21	4.88	1.98	2.36	1.44	0.392	0.831	4.27	1.578	18
19	2.82	2.368	1.858	4.80	5.52	1.82	2.39	1.48	0.445	1.04	3.97	1.548	19
20	3.018	2.378	1.818	4.48	4.74	1.87	2.18	1.38	0.451	1.01	3.78	1.518	20
21	3.228	2.218	1.788	4.27	5.11	1.83	2.08	1.29	0.424	0.900	4.03	1.808	21
22	2.988	2.368	1.728	3.98	4.79	1.85	2.11	1.21	0.463	0.841	3.98	1.788	22
23	2.838	2.508	1.688	3.66	4.52	1.58	2.88	1.18	0.504	1.00	3.82	1.778	23
24	2.888	2.448	1.788	3.46	4.03	1.50	3.18	1.30	0.481	1.07	3.88	1.768	24
25	2.578	2.368	1.888	3.47	3.67	1.50	3.16	1.23	0.478	1.08	3.48	1.738	25
26	2.498	2.268	4.408	3.41	3.39	1.51	2.98	1.43	0.414	1.12	3.33	1.858	26
27	2.388	2.198	5.058	3.46	3.16	1.48	2.83	2.90	0.384	1.08	3.26	1.788	27
28	2.318	2.128	6.858	3.61	2.84	1.38	2.83	3.80	0.368	1.11	3.30	1.888	28
29	2.238	2.068	8.458	3.85	2.75	1.28	2.41	3.80	0.372	1.28	3.28	2.088	29
30	2.188		10.2 B	4.95	2.57	1.25	1.83	3.48	0.838	1.30	3.33	1.888	30
31	2.758		10.6 B		2.40		1.50	3.18		1.28		1.878	31
TOTAL	87.38	78.19	88.31	248.71	111.81	50.84	59.72	48.940	32.471	31.978	91.12	83.01	TOTAL
MEAN	2.82	2.73	2.20	8.23	3.80	1.69	1.83	1.58	1.08	1.03	3.04	2.03	MEAN
MAX	4.08	5.10	10.6	32.8	5.52	2.27	3.18	3.80	2.85	1.30	4.87	3.32	MAX
MIN	2.18	2.02	1.88	3.41	2.40	1.25	1.08	0.888	0.372	0.885	1.18	1.84	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 2.74
MAXIMUM DAILY, 32.8 ON APR 5
MINIMUM DAILY, 0.372 ON SEP 28
MAXIMUM INSTANTANEOUS,
23.3 AT 17:27 EST ON APR 5

SUMMARY FOR THE YEAR 1988

TYPE OF GAUGE - RECORDING
LOCATION - LAT 44 38 30 N
LONG 78 08 07 W
DRAINAGE AREA, 241 km²

B - ICE CONDITIONS
E - ESTIMATED
REGULATED

MONTHLY TOTAL DISCHARGE
IN CUBIC DECAMETRES

JAN	7 580	JUL	5 180
FEB	6 640	AUG	4 230
MAR	8 580	SEP	2 610
APR	21 300	OCT	2 780
MAY	9 630	NOV	7 670
JUN	4 380	DEC	8 440

TOTAL DISCHARGE, 86 800 dam³

EKWAN RIVER BELOW NORTH WASHAGAMI RIVER - STATION NO. 04EA001

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1988

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	14.8 B	7.258	4.958	4.858	75.0B	185	58.3	24.3	14.8	200	120 B	54.2B	1
2	14.8 B	7.158	4.908	4.888	250 B	161	51.0	23.4	27.0	187	113 B	52.8B	2
3	14.1 B	7.088	4.818	5.058	400 B	159	47.3	23.4	38.3	174	108 B	51.0B	3
4	13.7 B	6.958	4.788	5.158	480 B	156	45.1	21.5	52.1	161	103 B	49.5B	4
5	13.3 B	6.808	4.768	5.358	500 B	148	43.3	20.5	66.9	150	99.0B	48.0B	5
6	13.0 B	6.708	4.708	5.608	502 B	134	40.3	19.8	58.4A	140	95.5B	46.2B	6
7	12.8 B	6.608	4.678	6.008	490 B	126	38.3	17.8	58.7A	130	91.5B	44.5B	7
8	12.3 B	6.508	4.658	6.608	476	116	36.4	16.5	54.8A	121	87.5B	43.0B	8
9	11.9 B	6.408	4.618	7.008	443	107	36.8	15.0	51.8A	114	84.5B	41.4B	9
10	11.6 B	6.358	4.608	7.408	416	96.8	34.8	13.9	48.8A	108	81.5B	39.8B	10
11	11.3 B	6.258	4.608	7.708	380	92.0	33.7	12.8	46.1A	104	78.5B	37.8B	11
12	11.0 B	6.158	4.608	8.208	364	86.2	31.8	11.7	46.8A	97.8	76.5B	83.2B	12
13	10.7 B	6.058	4.608	8.508	337	79.5	30.0	10.7	45.8A	94.4	74.5B	34.5B	13
14	10.4 B	5.958	4.608	8.808	310	75.8	26.8	9.83	47.8A	92.5	72.5B	33.0B	14
15	10.2 B	5.858	4.608	9.008	282	72.9	26.7	9.19	51.4A	89.8	70.0B	31.7B	15
16	9.908	5.808	4.608	9.208	276	72.5	24.9	8.84	53.2A	80.9	68.5B	30.0B	16
17	9.658	5.708	4.608	9.308	262	75.5	23.8	8.51	54.0A	118	67.0B	28.4B	17
18	9.458	5.638	4.608	9.558	247	79.6	22.8	7.95	55.1A	188	66.5B	27.3B	18
19	9.258	5.578	4.608	9.808	231	85.1	22.4	7.63	55.3A	202	66.0B	26.3B	19
20	9.058	5.508	4.608	10.1 B	218	101	23.8	8.81	79.8A	216	66.0B	25.1B	20
21	8.908	5.458	4.608	10.6 B	214	108	29.8	8.81	126 A	222	65.5B	24.0B	21
22	8.708	5.408	4.628	11.1 B	208	109	34.5	8.18	176 A	223	66.0B	23.0B	22
23	8.558	5.338	4.638	11.6 B	205	108	33.3	8.85	203 A	221	64.5B	22.0B	23
24	8.408	5.258	4.648	12.3 B	203	101	30.7	8.86	229 A	217	63.5B	21.0B	24
25	8.258	5.208	4.658	12.9 B	201	94.7	29.1	8.89	242 A	212	62.6B	20.1B	25
26	8.108	5.148	4.688	13.6 B	198	86.8	27.5	8.75	250 A	207	61.0B	19.3B	26
27	7.958	5.078	4.878	14.6 B	195	80.1	24.9	8.14	248	196	60.0B	18.6B	27
28	7.808	5.018	4.868	16.0 B	192	73.5	23.4	8.48	239	183	58.5B	18.0B	28
29	7.858	4.988	4.708	18.0 B	187	68.8	22.0	7.82	228	182	57.0B	17.4B	29
30	7.508		4.738	39.0 B	184	80.8	21.8	8.55	213	135	55.7B	16.8B	30
31	7.468		4.788		187		22.7	9.88		127 B		16.3B	31
TOTAL	321.90	173.03	144.78	308.23	9 137.0	3 125.4	998.8	383.26	3 148.1	4 886.8	3 303.1	1 024.1	TOTAL
MEAN	10.4	5.87	4.67	10.3	295	104	32.2	11.7	105	157	75.8	33.0	MEAN
MAX	14.8	7.25	4.95	39.0	502	188	58.3	24.3	250	223	120	83.2	MAX
MIN	7.40	4.88	4.60	4.85	75.0	80.8	21.8	8.88	14.8	88.8	55.7	16.3	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 70.8
MAXIMUM DAILY, 502B ON MAY 5
MINIMUM DAILY, 4.60B ON MAR 10

SUMMARY FOR THE YEAR 1988

TYPE OF GAUGE - RECORDING
LOCATION - LAT 53 48 30 N
LONG 84 55 20 W
DRAINAGE AREA, 10 400 km²

A - MANUAL GAUGE
B - ICE CONDITIONS

NATURAL FLOW

MONTHLY TOTAL DISCHARGE
IN CUBIC DECAMETRES

JAN	27 800	JUL	86 400
FEB	14 800	AUG	31 400
MAR	12 800	SEP	272 000
APR	28 800	OCT	420 000
MAY	788 000	NOV	199 000
JUN	270 000	DEC	86 800

TOTAL DISCHARGE, 2 240 000 dam³

ENGLISH RIVER AT CARIBOU FALLS - STATION NO. 05QE005

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1988

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	236	245	188	161	181	242	90.2	140	100	281	437	518	1
2	337	288	181	239	181	195	92.6	103	101	284	480	501	2
3	288	278	200	232	181	116	93.4	131	101	273	455	514	3
4	305	275	180	226	150	139	87.0	102	94.7	284	448	542	4
5	289	283	181	182	139	130	78.3	108	98.8	337	467	477	5
6	248	283	187	217	143	173	58.2	126	88.4	283	482	507	6
7	285	283	208	236	138	134	92.0	127	78.8	289	471	491	7
8	178	286	236	218	145	125	78.5	153	88.8	280	487	476	8
9	216	278	195	285	182	139	87.7	110	85.1	306	512	488	9
10	231	303	218	305	174	185	110	122	88.1	310	480	477	10
11	227	285	210	204	127	138	110	118	88.8	288	470	488	11
12	248	272	181	242	142	138	113	88.1	88.8	328	514	557	12
13	248	214	208	201	180	280	120	107	108	344	487	544	13
14	287	228	228	180	120	242	81.8	88.6	77.8	378	473	558	14
15	248	288	187	188	185	220	88.8	118	88.7	337	487	588	15
16	228	283	188	181	230	190	87.0	92.3	128	389	484	585	16
17	201	223	228	181	138	215	92.3	120	133	343	443	550	17
18	262	203	204	183	142	82.1	88.8	108	108	335	487	548	18
19	242	287	191	181	134	83.1	102	100	187	300	434	533	19
20	228	248	181	180	270	101	117	93.0	183	381	487	482	20
21	282	280	181	188	112	181	122	114	180	382	531	548	21
22	271	271	188	178	111	81.4	144	108	184	386	518	482	22
23	248	285	185	178	112	85.0	188	118	184	371	585	488	23
24	251	233	181	178	103	90.8	187	94.3	208	404	482	428	24
25	233	280	235	178	110	85.2	188	100	181	384	487	488	25
26	305	201	273	184	111	87.5	118	84.4	237	381	482	488	26
27	300	188	208	230	108	100	118	102	284	385	475	488	27
28	288	188	263	180	103	72.8	172	104	306	454	485	501	28
29	270	181	237	184	100	86.0	181	92.5	341	438	500	507	29
30	280		183	182	122	102	188	102	298	408	478	508	30
31	278		173		243		143	88.5		444		482	31
TOTAL	8 011	7 239	6 118	5 914	4 505	4 088.6	3 472.4	3 382.7	4 371.8	10 775	14 410	15 719	TOTAL
MEAN	258	249	197	197	145	136	112	108	146	348	480	507	MEAN
MAX	337	303	273	305	270	280	181	153	341	454	555	557	MAX
MIN	178	181	180	180	100	81.4	83.4	88.8	88.1	284	434	428	MIN

SUMMARY FOR THE YEAR 1988

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 240
MAXIMUM DAILY, 557 ON DEC 13
MINIMUM DAILY, 81.4 ON JUN 22

TYPE OF GAUGE - POWER PLANT
LOCATION - LAT 50 18 00 N
LONG 94 58 15 W
DRAINAGE AREA, 52 300 km²

REGULATED SINCE 1929

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	692 000	JUL	300 000
FEB	625 000	AUG	291 000
MAR	528 000	SEP	378 000
APR	511 000	OCT	931 000
MAY	389 000	NOV	1 250 000
JUN	353 000	DEC	1 380 000

TOTAL DISCHARGE, 7 810 000 dam³

DATA CONTRIBUTED BY -
ONTARIO HYDRO

ENGLISH RIVER AT EAR FALLS - STATION NO. 05QE006

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1988

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	203	205	122	84.8	40.2	40.1	33.5	23.8	25.4	220	408	402	1
2	200	206	118	81.8	40.3	41.7	35.8	25.2	25.0	223	408	401	2
3	198	206	121	87.4	40.0	38.8	35.8	24.4	25.0	235	378	397	3
4	202	206	121	87.4	39.8	39.0	36.1	24.4	23.8	312	402	401	4
5	201	200	118	84.8	40.8	23.0	35.1	25.1	28.3	319	403	402	5
6	204	204	122	86.2	41.1	39.0	36.1	25.1	222	352	402	388	6
7	201	202	118	86.4	40.0	41.8	34.4	27.0	218	353	406	403	7
8	201	201	120	80.8	39.8	40.0	34.4	25.0	218	354	407	394	8
9	204	198	120	83.3	40.1	40.0	34.4	25.0	219	357	394	388	8
10	196	199	122	86.3	40.1	40.0	36.8	24.3	218	352	389	387	10
11	195	195	122	85.4	40.0	39.0	33.3	24.8	224	331	404	388	11
12	188	178	121	86.0	39.8	39.3	37.7	25.8	222	357	407	396	12
13	200	118	121	87.3	39.8	40.0	34.4	25.4	210	358	403	398	13
14	203	118	120	80.8	40.8	39.9	35.8	25.5	228	361	402	409	14
15	201	126	118	78.0	40.8	48.9	34.3	25.2	222	410	408	408	15
16	200	123	117	88.4	40.8	80.3	35.4	25.4	224	407	404	408	16
17	202	121	121	78.0	41.8	75.0	34.4	24.8	224	384	388	408	17
18	200	118	128	0	41.0	88.7	34.8	24.8	223	405	409	408	18
19	198	114	126	0	38.8	85.8	34.8	25.0	218	408	408	407	19
20	201	122	117	0	88.0	84.2	35.0	24.8	221	407	408	408	20
21	204	122	121	0	41.0	85.8	34.1	25.0	221	404	407	408	21
22	203	121	128	0	38.8	88.8	34.0	25.0	222	411	388	384	22
23	187	123	118	0	40.3	85.8	28.1	25.0	222	408	408	408	23
24	187	122	118	0	42.8	83.8	25.0	25.0	232	402	407	407	24
25	187	122	118	40.8	38.0	85.1	25.0	25.0	224	403	403	402	25
26	200	118	121	40.8	38.3	71.8	24.8	25.4	222	404	401	400	26
27	200	117	123	38.2	40.4	88.7	24.8	25.4	221	408	402	400	27
28	200	118	123	38.0	40.2	89.4	25.5	23.8	223	402	402	388	28
29	202	118	118	38.7	40.1	88.8	25.2	25.0	222	404	403	388	29
30	200		118	40.3	39.8	88.8	25.2	23.8	220	403	388	401	30
31	201		98.8		83.2		24.0	25.4		407		400	31
TOTAL	6 211	4 435	3 710.8	1 878.7	1 318.7	1 818.3	895.4	773.8	6 883.3	11 372	12 074	12 454	TOTAL
MEAN	200	153	120	86.0	42.5	83.8	32.1	25.0	188	367	402	402	MEAN
MAX	204	206	128	87.3	88.0	84.2	37.7	27.0	228	411	408	408	MAX
MIN	195	114	98.8	0	38.0	23.0	24.0	23.8	23.8	220	378	384	MIN

SUMMARY FOR THE YEAR 1988

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 170
MAXIMUM DAILY, 411 ON OCT 22
MINIMUM DAILY, 0 ON APR 18

TYPE OF GAUGE - POWER PLANT
LOCATION - LAT 50 38 00 N
LONG 93 12 30 W
DRAINAGE AREA, 38 400 km²

REGULATED SINCE 1929

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	537 000	JUL	86 000
FEB	383 000	AUG	86 000
MAR	321 000	SEP	488 000
APR	148 000	OCT	883 000
MAY	114 000	NOV	1 040 000
JUN	140 000	DEC	1 080 000

TOTAL DISCHARGE, 5 380 000 dam³

DATA CONTRIBUTED BY -
ONTARIO HYDRO

ENGLISH RIVER AT MANITOU FALLS - STATION NO. 05QE007

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1988

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	214	235	171	121	85.5	122	40.2	51.4	41.8	263	456	512	1
2	250	247	140	150	87.0	46.6	39.1	54.1	46.5	313	456	512	2
3	203	258	147	120	86.1	47.8	36.6	53.3	43.3	308	456	510	3
4	240	239	131	113	84.4	42.7	23.6	47.6	43.7	282	459	509	4
5	250	249	122	131	81.2	49.5	46.0	47.0	84.3	380	459	510	5
6	238	230	126	109	80.7	46.6	36.2	30.5	184	330	456	464	6
7	257	258	178	127	109	42.7	87.5	54.6	241	390	456	459	7
8	220	259	120	111	81.1	46.2	84.6	58.2	215	386	457	456	8
9	244	208	167	104	110	77.6	86.3	105	209	382	456	459	9
10	229	210	138	74.0	110	89.5	78.6	87.2	215	384	456	459	10
11	186	262	144	106	81.6	72.6	116	85.0	248	433	456	459	11
12	262	142	151	101	106	41.6	148	84.7	309	445	456	459	12
13	237	118	136	111	72.2	31.3	93.7	72.6	258	442	456	459	13
14	260	111	151	122	102	80.2	86.6	58.6	286	436	456	456	14
15	234	138	127	130	88.8	39.8	113	49.7	239	393	459	513	15
16	223	181	136	133	130	48.1	102	58.8	288	459	461	486	16
17	230	151	137	108	84.0	102	86.0	86.8	248	457	461	459	17
18	225	148	214	47.3	89.5	85.2	103	87.7	237	457	460	459	18
19	219	143	148	36.7	118	86.0	130	46.7	242	456	460	460	19
20	248	138	151	38.7	284	90.3	100	31.3	328	458	461	460	20
21	243	147	138	44.3	139	52.6	118	46.8	283	458	460	460	21
22	230	162	157	38.6	73.2	93.1	86.6	42.1	306	456	460	443	22
23	247	136	145	45.8	83.7	75.3	112	48.1	318	458	460	421	23
24	238	156	151	31.6	86.1	86.8	95.3	46.3	284	457	478	430	24
25	192	146	148	56.0	87.6	76.5	84.6	47.1	184	457	481	428	25
26	228	127	151	75.4	86.3	70.2	59.6	35.8	325	456	517	437	26
27	216	147	138	76.3	77.8	86.0	86.2	35.0	229	456	517	460	27
28	245	91.0	148	77.2	51.0	81.3	87.7	28.2	350	457	516	460	28
29	261	126	144	68.4	53.6	77.0	80.2	38.0	278	457	516	460	29
30	228		151	74.9	70.6	83.6	83.1	80.6	260	456	516	478	30
31	268		138		141		38.9	41.2		481		480	31
TOTAL	7 271	5 127.0	4 575	2 887.4	2 834.7	1 933.5	2 436.3	1 873.2	8 789.7	12 822	14 106	14 470	TOTAL
MEAN	235	177	148	88.6	84.7	64.5	78.7	84.0	227	417	470	467	MEAN
MAX	280	289	214	150	284	122	148	105	350	481	517	513	MAX
MIN	186	91.0	120	31.6	51.0	31.3	23.6	28.2	41.8	283	457	420	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 210
MAXIMUM DAILY, 517 ON NOV 26
MINIMUM DAILY, 23.6 ON JUL 4

DATA CONTRIBUTED BY -
ONTARIO HYDRO

SUMMARY FOR THE YEAR 1988

TYPE OF GAUGE - POWER PLANT
LOCATION - LAT 50 35 01 N
LONG 83 27 15 W
DRAINAGE AREA, 37 000 km²

REGULATED

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	626 000	JUL	211 000
FEB	443 000	AUG	145 000
MAR	395 000	SEP	587 000
APR	232 000	OCT	1 120 000
MAY	254 000	NOV	1 220 000
JUN	167 000	DEC	1 250 000

TOTAL DISCHARGE, 8 650 000 dam³

ENGLISH RIVER AT UMFREVILLE - STATION NO. 05QA002

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1988

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	32.3	25.1	21.5	22.8	42.8	77.0	56.2	63.3	136	233	115	86.1	1
2	33.0	24.7A	21.8	22.9	43.7	76.7	55.3	61.8	140	227	114	87.8	2
3	31.8	24.5	21.4	22.8	44.8	75.6	54.3	61.2	143	223	113	86.7	3
4	31.5	24.3	21.2	23.0	45.5	74.7	53.8	60.1	145	217	110	85.9	4
5	31.0	24.3	21.2	23.3	46.6	73.6	53.1	59.3	146	212	107	85.2	5
6	30.6A	24.2	22.0	23.5	46.3	72.9	53.6	58.8	146	206	106	83.8	6
7	30.4	24.2	21.7	23.6	46.3	70.4	54.8	60.3	150	200	105	83.0	7
8	30.1	23.8	21.6	23.5	46.4	68.8	55.6	60.1	149	193	105	81.8	8
9	29.8	23.7	21.9	23.6	46.8	68.0	57.4	60.4	147	188	103	80.7A	9
10	29.6	23.5	21.8	23.9	51.9	67.4	58.7	61.2	144	181	101	79.7A	10
11	29.3	23.4	21.5	24.3	53.7	66.7	60.2	61.0	143	174	100	78.9A	11
12	29.0	23.2	21.2	24.8	56.8	65.9	63.0	61.0	146	168	99.1	78.8	12
13	28.8	23.0	21.0	25.3	59.6	64.8	66.8	61.2	147	165	98.5	77.8	13
14	28.4	23.1	21.1	25.7	63.0	63.8	67.8	65.1	145	160	98.8	76.4	14
15	28.5	22.8	21.1	26.5	65.3	65.3	70.1	68.0	144	156	98.4	76.8	15
16	28.6	22.8	21.1	27.7	67.4	65.8	72.1	70.3	143	151	97.1	74.8	16
17	28.4	22.6	21.0	28.5	70.2	66.1	73.1	71.4	142	147	96.0	73.7	17
18	27.8	22.6	20.9	29.4	72.1	66.1	73.8	73.4	141	143	97.8	73.1	18
19	27.7	22.6	20.7	30.5	73.1	65.8	74.6	75.6	155	138	97.2	72.4	19
20	27.4	22.1	20.5	31.7	73.8	63.6	75.2	77.3	182	136	96.6	71.6	20
21	27.0	23.2	20.4	32.9	74.1	62.7	75.2	76.1	203	133	95.8	70.9	21
22	27.1	22.6	20.8	34.1	75.5	62.3	74.8	81.2	219	130	95.2	70.7	22
23	26.6	22.3	21.5	35.1	75.8	61.6	74.4	86.2	230	128	94.2	70.5	23
24	26.7	22.1	21.4	35.1	75.6	61.2	73.2	81.1	238	126	93.4	69.8	24
25	26.4	21.7	22.0	37.0	76.7	60.8	71.6	85.6	242	124	92.8	69.0	25
26	26.1A	21.7	22.2	38.0	76.4	60.1	70.8	101	245	122	91.7	67.8	26
27	25.9	21.6	22.0	38.6	75.9	59.7	69.1	108	245	121	90.6	66.3	27
28	25.7	21.6	22.1	39.6	75.4	58.6	67.6	115	244	121	89.7	67.6	28
29	25.6	21.4	22.8	40.6	76.6	57.7	67.0	121	241	119	89.5	66.7A	29
30	25.3		22.8	41.6	77.0	57.0	66.2	127	238	118	88.8	66.3	30
31	25.3		22.6		76.8		64.8	131		117		65.4A	31
TOTAL	881.3	666.0	667.2	881.7	1 966.7	1 980.1	2 023.6	2 628.0	5 279	4 978	2 877.3	2 348.0	TOTAL
MEAN	28.4	23.0	21.5	29.4	63.1	66.0	65.3	76.3	176	161	88.2	75.8	MEAN
MAX	32.3	25.1	22.8	41.6	77.0	77.0	75.2	131	245	233	115	86.1	MAX
MIN	25.3	21.4	20.4	22.8	42.8	57.0	53.1	58.3	136	117	88.8	65.4	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 74.0
MAXIMUM DAILY, 245 ON SEP 26
MINIMUM DAILY, 20.4 ON MAR 21
MAXIMUM INSTANTANEOUS,
245 AT 13:06 CST ON SEP 26

SUMMARY FOR THE YEAR 1988

TYPE OF GAUGE - RECORDING
LOCATION - LAT 48 52 30 N
LONG 81 27 30 W
DRAINAGE AREA, 8 230 km²
A - MANUAL GAUGE

NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	76 100	JUL	175 000
FEB	57 700	AUG	210 000
MAR	57 600	SEP	456 000
APR	76 200	OCT	430 000
MAY	169 000	NOV	257 000
JUN	171 000	DEC	203 000

TOTAL DISCHARGE, 2 340 000 dam³

ERAMOSA RIVER ABOVE GUELPH - STATION NO. 02GA029

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1988

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	1.21 B	2.60B	1.53B	5.74	2.34	0.918	0.359	1.51	0.325	0.568	1.11	1.62	1
2	1.15 B	7.80B	1.50B	5.01	2.18	0.698	0.361	1.22	0.320	0.784	1.05	1.55	2
3	1.08 B	8.15B	1.48B	5.24	2.05	0.635	0.352	0.927	0.368	1.27	1.01	1.42	3
4	1.02 B	3.70B	1.46B	5.46	1.97	0.855	0.335	0.722	0.681	1.52	0.983	1.41	4
5	0.975B	2.70B	1.44B	10.0	1.82	0.786	0.320	0.831	1.49	1.28	1.03	1.33	5
6	0.935B	2.20B	1.43B	8.31	1.73	0.639	0.331	0.820	1.49	1.08	1.53	1.27	6
7	0.900B	1.80B	1.42B	6.50	1.66	0.681	0.320	0.585	1.18	0.932	2.02	1.27	7
8	0.860B	1.70B	1.63B	5.26	1.59	0.791	0.300	0.533	0.854	0.808	1.87	1.23	8
9	0.835B	1.55B	1.80B	4.38	1.48	0.817	0.305	0.448	0.889	0.774	2.03	1.208	9
10	0.805B	1.45B	2.40B	3.86	1.56	0.821	0.291	0.402	0.844	0.883	2.29	1.178	10
11	0.787B	1.40B	3.40B	3.14	1.88	0.853	0.282	0.493	0.488	0.808	2.59	1.128	11
12	0.780B	1.40B	4.40B	2.85	1.86	0.781	0.321	0.605	0.457	0.884	2.44	1.108	12
13	0.740B	1.41B	4.20	2.85	1.86	0.867	0.323	0.586	0.442	0.934	2.63	1.108	13
14	0.720B	1.43B	3.38B	2.72	1.51	0.623	0.306	0.556	0.437	0.812	3.26	1.188	14
15	0.730B	1.48B	2.74B	3.08	1.50	0.588	0.283	0.540	0.485	0.728	3.24	1.208	15
16	0.800B	1.60B	2.52	3.02	2.94	0.624	0.388	0.437	0.463	0.851	2.63	1.228	16
17	1.10 B	1.80B	2.27B	2.86	3.78	0.511	0.624	0.413	0.537	0.710	2.21	1.238	17
18	1.55 B	2.02B	2.15B	2.86	2.86	0.603	0.584	0.453	0.885	1.28	1.87	1.278	18
19	2.35 B	1.88B	1.85B	2.89	2.24	0.633	0.486	0.448	1.28	1.48	1.69	1.388	19
20	3.25 B	1.91B	1.70B	2.56	2.00	0.611	0.382	0.408	1.10	1.58	1.72	1.348	20
21	5.00 B	1.72B	1.60B	2.62	2.63	0.498	0.371	0.350	0.884	1.38	2.55	1.338	21
22	6.80 B	1.68B	1.68B	2.57	2.80	0.688	0.550	0.342	0.788	1.31	3.08	1.388	22
23	4.80 B	1.88B	3.08B	1.87	2.43	0.402	0.737	0.323	0.741	1.30	2.62	1.408	23
24	3.90 B	1.85B	8.48B	2.88	2.03	0.388	1.02	0.352	0.711	1.50	2.15	1.508	24
25	2.80 B	1.78B	10.4 B	2.51	1.83	0.478	1.03	0.388	0.891	1.54	1.82	1.658	25
26	2.10 B	1.70B	15.8 B	2.40	1.47	0.448	0.885	0.380	0.858	1.52	1.70	1.508	26
27	1.88 B	1.65B	18.0 B	2.29	1.32	0.428	0.732	0.388	0.585	1.64	1.63	1.568	27
28	1.75 B	1.60B	11.6 B	2.42	1.13	0.401	0.701	0.401	0.532	1.58	1.69	1.688	28
29	1.68 B	1.58B	8.40	2.61	1.14	0.378	0.641	0.378	0.545	1.45	1.77	2.308	29
30	1.75 B		6.80	2.52	1.07	0.365	0.580	0.353	0.545	1.32	1.84	3.408	30
31	1.90 B		8.40		0.991		1.21	0.335		1.20		2.808	31
TOTAL	56.797	83.38	134.88	115.83	59.321	18.708	15.730	16.661	21.387	35.326	59.863	46.15	TOTAL
MEAN	1.83	2.18	4.35	3.88	1.91	0.624	0.507	0.534	0.713	1.14	2.00	1.48	MEAN
MAX	6.80	7.80	18.0	10.0	3.78	0.818	1.21	1.51	1.49	1.84	3.26	3.40	MAX
MIN	0.720	1.40	1.42	1.97	0.991	0.365	0.291	0.333	0.320	0.568	0.863	1.10	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 1.78
MAXIMUM DAILY, 18.0B ON MAR 27
MINIMUM DAILY, 0.291 ON JUL 10
MAXIMUM INSTANTANEOUS,
19.2 AT 02:26 EST ON MAR 27

SUMMARY FOR THE YEAR 1988

TYPE OF GAUGE - RECORDING
LOCATION - LAT 43 32 52 N
LONG 80 10 59 W
DRAINAGE AREA, 238 km²

B - ICE CONDITIONS

REGULATED

MONTHLY TOTAL DISCHARGE
IN CUBIC DECAMETRES

JAN	4 910	JUL	1 380
FEB	5 480	AUG	1 430
MAR	11 700	SEP	1 850
APR	10 000	OCT	3 050
MAY	5 130	NOV	5 170
JUN	1 620	DEC	3 990

TOTAL DISCHARGE, 55 700 dam³

ETOBICOKE CREEK AT BRAMPTON - STATION NO. 02HC017

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1988

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	0.021B	3.46	0.200B	0.428	0.160	0.048	0.035E	0.202	0.089E	0.145	0.101	0.232E	1
2	0.020B	0.806	0.180B	0.380	0.146	0.044	0.088E	0.064	0.089E	1.10	0.082	0.240E	2
3	0.018B	0.400B	0.218B	1.86	0.131	0.094	0.094E	0.073E	0.567	0.176	0.085	0.220E	3
4	0.018B	0.260B	0.180B	5.00	0.113	0.055	0.041E	0.070E	2.38	0.296	0.132	0.212E	4
5	0.016B	0.230B	0.250B	1.81	0.098	0.046	0.098E	0.078E	0.481	0.172E	1.26	0.200E	5
6	0.017B	0.210B	0.380B	1.08	0.091	0.058	0.100E	0.123E	0.165	0.126E	0.360	0.240E	6
7	0.017B	0.185B	0.800B	0.784	0.084	0.730	0.088E	0.114E	0.134	0.112E	0.268	0.215E	7
8	0.016B	0.170B	1.50 B	0.817	0.080	0.105	0.013	0.090E	0.131	0.087E	0.659	0.200E	8
9	0.016B	0.155B	3.50 B	0.408	0.184	0.068	0.013	0.105E	0.111E	0.084E	0.220	0.190B	9
10	0.016B	0.142B	2.70 B	0.280	0.137	0.053	0.010	0.125E	0.058E	0.394E	1.08	0.180B	10
11	0.031B	0.133B	2.00 B	0.237	0.083	0.051	0.086	0.228E	0.038E	0.162E	0.435	0.170B	11
12	0.022B	0.120B	1.00 B	0.206	0.077	0.048	0.085	0.104E	0.040E	0.114E	0.256	0.160B	12
13	0.027B	0.112B	0.700B	0.193	0.067	0.045	0.060E	0.107E	0.272E	0.112E	1.86	0.150B	13
14	0.024B	0.106B	0.500B	0.346	0.068	0.039	0.264	0.152E	0.115E	0.084E	0.758	0.140B	14
15	0.023B	0.860B	0.350B	0.217	0.635	0.045	0.089E	0.154E	0.107E	0.122E	0.417	0.136B	15
16	0.022B	0.700B	0.270B	0.187	0.544	0.080	0.203	0.084E	0.111E	0.057E	0.268	0.122B	16
17	0.150B	0.600B	0.230B	0.218	0.204	0.058E	0.484	0.130	1.38	0.120E	0.209	0.150B	17
18	1.55 B	0.400B	0.300B	0.279	0.180	0.025	0.088E	0.033	0.230	1.31	0.164	0.200B	18
19	1.25 B	0.312B	0.200B	0.170	0.455	0.026	0.088E	0.088E	0.241	0.141	0.147	0.263B	19
20	4.00 B	0.900B	0.175B	0.271	0.347	0.055E	0.089E	0.102E	0.232	0.180	0.985	0.254B	20
21	1.81	0.500B	0.150B	0.182	0.480	0.080E	0.120E	0.100E	0.077	0.278	0.520	0.138B	21
22	0.850B	0.350B	0.130B	0.154	0.350	0.141	0.128E	0.088E	0.058	0.322	0.391	0.072	22
23	0.800	1.80 B	0.400B	0.241	0.180	0.078	0.186E	0.288E	0.356	0.217	0.278	0.586	23
24	0.281	0.700B	3.21	0.145	0.127	0.113E	0.628	0.504	0.124	0.217	0.288	0.181	24
25	0.187	0.580B	2.84	0.135	0.101	0.117E	0.546	0.183	0.120	0.182	0.248	0.161	25
26	0.127B	0.460B	4.40	0.158	0.081	0.110E	0.361	0.142	0.122	0.186	0.281	0.134	26
27	0.120B	0.360B	3.02	0.183	0.067	0.110E	0.128	0.115E	0.434	0.128	0.367	1.20	27
28	0.112B	0.320B	0.771	0.226	0.068	0.121E	0.117E	0.112E	0.229	0.186	0.300E	3.61	28
29	0.104B	0.270B	0.736	0.300	0.058	0.106E	0.115E	0.114E	0.128	0.143	0.260E	1.06 B	29
30	0.100B		0.740	0.202	0.051	0.100E	1.83 E	0.111E	0.130	0.106	0.240E	0.688B	30
31	1.10 B		0.580		0.048		0.157	0.104E		0.102		0.352	31
TOTAL	13.738	15.120	31.341	16.109	5.515	2.839	5.074	4.057	5.768	7.107	12.785	12.088	TOTAL
MEAN	0.411	0.521	1.01	0.604	0.178	0.095	0.186	0.131	0.292	0.229	0.426	0.390	MEAN
MAX	4.00	3.46	4.40	5.00	0.635	0.730	1.83	0.504	2.38	1.31	1.86	3.61	MAX
MIN	0.016	0.106	0.130	0.135	0.048	0.025	0.010	0.033	0.038	0.057	0.082	0.072	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 0.373
MAXIMUM DAILY, 5.00 ON APR 4
MINIMUM DAILY, 0.010 ON JUL 10
MAXIMUM INSTANTANEOUS,
10.8 AT 15:52 EST ON JUL 30

SUMMARY FOR THE YEAR 1988

TYPE OF GAUGE - RECORDING
LOCATION - LAT 43 41 28 N
LONG 79 45 35 W
DRAINAGE AREA, 63.2 km²

B - ICE CONDITIONS
E - ESTIMATED
NATURAL FLOW

MONTHLY TOTAL DISCHARGE
IN CUBIC DECAMETRES

JAN	1 100	JUL	525
FEB	1 310	AUG	351
MAR	3 710	SEP	758
APR	1 580	OCT	614
MAY	476	NOV	1 100
JUN	248	DEC	1 040

TOTAL DISCHARGE, 11 800 dam³

ETOBICOKE CREEK BELOW QUEEN ELIZABETH HIGHWAY - STATION NO. 02HC030

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1988

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	0.460B	4.46	0.743	1.20	0.855E	0.352A	0.380	1.48 E	1.14	0.384	0.437	0.858	1
2	0.410B	2.20	1.25	1.06	0.713E	0.313	0.274	0.400E	0.639	5.21	0.458	0.818	2
3	0.370B	0.877	1.47	9.47	0.642E	0.655	0.268	0.530E	1.19	1.40	0.428	0.587	3
4	0.350B	0.680B	0.682	13.0	0.496A	0.485	0.305	0.413E	14.3	2.06	0.726	0.582	4
5	0.321B	0.630B	1.21	4.11	0.465E	0.309	0.277	0.377	3.14	1.84	5.89	0.535	5
6	0.305B	0.600B	3.27	2.46	0.430E	0.300	0.337	0.357	1.17	0.851	3.84	0.830	6
7	0.288B	0.580B	7.23	2.03	0.420E	3.77	0.332	0.334	0.692	0.670	0.863	0.867	7
8	0.268B	0.550B	8.43	1.70	0.415E	1.44	0.282	0.317	0.388	0.438	3.88	0.536	8
9	0.278B	0.535B	10.5	1.21	0.940E	0.641	0.208	0.332	0.371	0.384	1.81	0.4908	9
10	0.270B	0.520B	7.31	0.972	0.700E	0.326	0.175E	0.345	0.316	1.89	5.17	0.4858	10
11	0.380B	0.510B	4.35	0.833	0.500E	0.294	0.700E	1.55	0.211	1.59	1.38	0.4428	11
12	0.315B	0.500B	3.50	0.815	0.400E	0.246	0.375E	0.787	0.199	0.542	0.857	0.4388	12
13	0.280B	0.490B	3.24	0.778	0.440E	0.243	0.700E	0.418	3.91	0.471	10.8	0.4338	13
14	0.325B	0.485B	1.92	1.87 E	0.360E	0.245	1.85 E	0.329	0.516	0.452	2.19	0.4108	14
15	0.310B	3.80 E	1.12	1.51 E	3.25 E	0.246	0.520E	0.803	0.388	0.345	1.28	0.4008	15
16	0.300B	2.13 E	1.02	0.830E	2.70 E	0.284	1.00 E	0.368	0.341	0.358	1.16	0.4708	16
17	1.84	1.40	0.839	0.681E	1.80 E	0.286	3.35 E	1.84	10.0	0.310	1.25	0.4628	17
18	3.82	1.26	1.08	2.14 E	0.840E	0.254	0.520E	0.424	1.01	10.4	0.834	0.4458	18
19	1.82	2.02	0.984	0.783E	0.230E	0.241	0.720E	0.286	0.547	1.02	0.533	0.4308	19
20	7.37	4.08	0.728	0.788E	1.62 E	0.256	0.725E	0.205	0.737	0.587	5.89	0.4208	20
21	4.10	1.85	0.530	1.44 E	2.40 E	0.276	0.840E	0.243	0.520	1.53	4.98	0.4158	21
22	1.03	2.85	0.555	0.895E	1.80 E	1.36	0.820E	0.238	0.377	3.12	1.38	0.7008	22
23	1.02	7.78	0.887	1.14 E	1.30 E	0.810	2.00 E	1.87	2.33	1.20	0.978	3.38 B	23
24	1.24	2.38	4.52	0.881E	0.800E	0.382E	3.90 E	3.15	0.504	1.97	0.801	1.55	24
25	0.857	1.09	8.65	0.822E	0.520E	0.800E	4.80 E	2.04	0.384	0.848	0.751	0.882	25
26	0.590B	1.45	7.88	0.824E	0.420E	0.570E	3.00 E	1.10	0.348	0.783	0.705	0.6808	26
27	0.550B	1.04	3.87	1.01 E	0.350E	0.800E	0.950E	0.428	0.809	0.604	1.08	5.24	27
28	0.520B	0.952	1.92	1.31 E	0.340E	0.580E	0.870E	0.383	2.08	0.600	0.753	11.3	28
29	0.500B	0.932	1.59	1.90 E	0.300E	0.560E	0.840E	0.340	0.469	0.535	0.688	3.28	29
30	0.480B		1.67	1.62 E	0.260E	0.410	12.0 E	0.371	0.381	0.419	0.634	1.15 B	30
31	0.700B		1.46		0.255E		1.15 E	1.81		0.380		0.6008	31
TOTAL	32.078	46.881	94.758	69.802	26.881	16.915	44.748	23.444	48.747	43.681	82.748	38.383	TOTAL
MEAN	1.03	1.69	3.06	2.00	0.880	0.584	1.44	0.788	1.62	1.41	2.09	1.24	MEAN
MAX	7.37	7.78	10.5	13.0	3.25	3.77	12.0	3.15	14.3	10.4	10.8	11.3	MAX
MIN	0.270	0.485	0.530	0.822	0.230	0.241	0.175	0.205	0.199	0.310	0.428	0.400	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 1.48
MAXIMUM DAILY, 14.3 ON SEP 4
MINIMUM DAILY, 0.175E ON JUL 10
MAXIMUM INSTANTANEOUS,
34.5 AT 01:31 EST ON SEP 4

SUMMARY FOR THE YEAR 1988

TYPE OF GAUGE - RECORDING
LOCATION - LAT 43 36 02 N
LONG 79 33 24 W
DRAINAGE AREA, 204 km²
A - MANUAL GAUGE
B - ICE CONDITIONS
E - ESTIMATED
NATURAL FLOW

MONTHLY TOTAL DISCHARGE
IN CUBIC DECAMETRES

JAN	2 770	JUL	3 870
FEB	4 230	AUG	2 030
MAR	8 190	SEP	4 210
APR	5 180	OCT	3 770
MAY	2 300	NOV	5 420
JUN	1 480	DEC	3 310

TOTAL DISCHARGE, 43 700 dam³

EYE RIVER NEAR COULSON LAKE NORTH OF ATIKOKAN - STATION NO. 05PB022

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1988

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	0.078B	0.038B	0.028B	0.080B	0.282	0.120	0.134	0.022	0.485	0.300	0.224E	0.235	1
2	0.073B	0.038B	0.028B	0.071	0.288	0.105	0.103	0.026	0.402	0.271	0.218E	0.223	2
3	0.071B	0.034B	0.024B	0.088	0.268	0.111	0.075	0.027	0.348	0.257	0.221A	0.213	3
4	0.068B	0.033B	0.024B	0.124	0.278	0.132	0.086	0.027	0.288	0.257	0.208	0.206	4
5	0.064B	0.033B	0.024B	0.163	0.251	0.129	0.048	0.035	0.228	0.253	0.203	0.198	5
6	0.063B	0.032B	0.024B	0.186	0.237	0.115	0.046	0.082	0.183	0.242	0.194	0.192	6
7	0.062B	0.031B	0.024B	0.261	0.214	0.087	0.044	0.209	0.148	0.228	0.185	0.183	7
8	0.060B	0.031B	0.024B	0.442	0.219	0.086	0.042	0.384	0.123	0.215	0.187	0.175	8
9	0.058B	0.030B	0.024B	0.778	0.321	0.082	0.039	0.376	0.107	0.204	0.185	0.164	9
10	0.056B	0.030B	0.024B	0.833	0.554	0.073	0.034	0.338	0.097	0.195	0.180	0.150	10
11	0.057B	0.029B	0.024B	0.853	0.688	0.068	0.031	0.288	0.094	0.182	0.175	0.138	11
12	0.056B	0.029B	0.024B	1.30	0.708	0.060	0.029	0.240	0.091	0.171	0.175	0.129	12
13	0.054B	0.028B	0.024B	1.54	0.783	0.058	0.032	0.221	0.102	0.167	0.181	0.130	13
14	0.054B	0.028B	0.024B	1.53	0.771	0.089	0.032	1.15	0.107	0.152	0.170	0.126	14
15	0.052B	0.028B	0.024B	1.36	0.707	0.193	0.041	2.03	0.088	0.148	0.178	0.124	15
16	0.051B	0.027B	0.024B	1.26	0.618	0.353	0.053	2.31	0.080	0.147	0.236	0.126	16
17	0.050B	0.027B	0.024B	1.09	0.542	0.412	0.059	1.81	0.081	0.148	0.281	0.122	17
18	0.048B	0.026B	0.024B	0.882	0.454	0.387	0.053	1.30	0.080	0.146	0.329	0.118	18
19	0.048B	0.026B	0.024B	0.896	0.381	0.346	0.042	0.928	0.189	0.147	0.368	0.119	19
20	0.047B	0.026B	0.024B	0.787	0.344	0.295	0.038	0.877	0.774	0.145	0.370	0.117	20
21	0.048B	0.025B	0.024B	0.706	0.328	0.258	0.038	0.487	1.65	0.146B	0.337	0.118B	21
22	0.046B	0.025B	0.024B	0.585	0.302	0.224	0.032	0.854	1.68	0.146E	0.306	0.118B	22
23	0.044B	0.025B	0.024B	0.500	0.278	0.189	0.030	2.36	1.30	0.177E	0.278	0.114B	23
24	0.043B	0.025B	0.024B	0.458	0.240	0.200	0.028	3.83	0.988	0.193E	0.258	0.113B	24
25	0.042B	0.025B	0.024B	0.424	0.201	0.168	0.026	2.70	0.757	0.198E	0.245	0.112B	25
26	0.041B	0.025B	0.024B	0.402	0.183	0.161	0.024	1.87	0.590	0.198E	0.235	0.111B	26
27	0.041B	0.025B	0.025B	0.378	0.164	0.154	0.023	1.37	0.471	0.198E	0.254	0.108B	27
28	0.038B	0.025B	0.026B	0.352	0.131	0.173	0.022	1.03	0.380	0.201E	0.254	0.108B	28
29	0.038B	0.026B	0.036B	0.315	0.103	0.184	0.022	0.800	0.352	0.221E	0.253	0.106B	29
30	0.037B		0.044B	0.280	0.085	0.167	0.023	0.642	0.320	0.235E	0.250	0.107B	30
31	0.037B		0.052B		0.107		0.022	0.513		0.232E		0.105B	31
TOTAL	1.827	0.824	0.811	19.116	11.044	5.191	1.319	28.734	12.812	6.106	7.188	4.408	TOTAL
MEAN	0.059	0.029	0.026	0.837	0.356	0.173	0.043	0.927	0.427	0.197	0.238	0.142	MEAN
MAX	0.078	0.038	0.052	1.84	0.783	0.412	0.134	3.83	1.65	0.300	0.368	0.235	MAX
MIN	0.037	0.025	0.024	0.080	0.085	0.080	0.022	0.022	0.080	0.145	0.178	0.106	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 0.271
MAXIMUM DAILY, 3.83 ON AUG 24
MINIMUM DAILY, 0.022 ON JUL 29
MAXIMUM INSTANTANEOUS,
4.08 AT 04:13 CST ON AUG 24

SUMMARY FOR THE YEAR 1988

TYPE OF GAUGE - RECORDING
LOCATION - LAT 48 53 40 N
LONG 91 40 03 W
DRAINAGE AREA, 44.5 km²
A - MANUAL GAUGE
B - ICE CONDITIONS
E - ESTIMATED
NATURAL FLOW

MONTHLY TOTAL DISCHARGE
IN CUBIC DECAMETRES

JAN	141	JUL	114
FEB	71.2	AUG	2 480
MAR	70.1	SEP	1 110
APR	1 650	OCT	528
MAY	954	NOV	618
JUN	449	DEC	381

TOTAL DISCHARGE, 8 570 dam³

EYE RIVER NEAR HARDTACK LAKE NORTH OF ATIKOKAN - STATION NO. 05PB021

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1988

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	0.067	0.035	0.022	0.072	0.234	0.079	0.045	0.018	0.254	0.278E	0.181E	0.181E	1
2	0.066	0.034	0.022	0.089	0.220	0.088	0.042	0.022	0.229	0.229E	0.146E	0.172E	2
3	0.065	0.033	0.022	0.124	0.216	0.100	0.037	0.026	0.193	0.186E	0.137A	0.160E	3
4	0.064	0.032	0.022	0.153	0.209	0.087	0.035	0.032	0.163	0.172E	0.139	0.151E	4
5	0.063	0.031	0.022	0.186	0.205	0.072	0.035	0.057	0.115	0.167A	0.131	0.144E	5
6	0.061	0.031	0.022	0.213	0.181	0.065	0.034	0.064	0.091	0.158	0.110	0.139E	6
7	0.060	0.030	0.022	0.301	0.177	0.047	0.032	0.073	0.078	0.152	0.138	0.134A	7
8	0.059	0.030	0.022	0.426	0.184	0.062	0.028	0.083	0.071	0.142	0.119	0.131	8
9	0.057	0.030	0.022	0.526	0.257	0.084	0.026	0.081	0.081	0.130	0.114	0.129	9
10	0.056	0.029	0.022	0.527	0.430	0.066	0.024	0.062	0.057	0.122	0.113A	0.127	10
11	0.055	0.028	0.022	0.531	0.464	0.043	0.023	0.052	0.059	0.108	0.108E	0.126	11
12	0.054	0.026	0.022	1.03	0.518	0.036	0.022	0.044	0.066	0.093	0.107E	0.124	12
13	0.054	0.027	0.022	1.43	0.515	0.042	0.037	0.045	0.083	0.085	0.114E	0.122	13
14	0.053	0.027	0.022	1.45	0.531	0.073	0.042	0.826	0.055	0.084	0.118E	0.121	14
15	0.051	0.026	0.022	1.24	0.469	0.182	0.054	2.34	0.047	0.084	0.124E	0.119	15
16	0.050	0.026	0.022	1.01	0.398	0.188	0.057	1.78	0.046	0.083	0.150E	0.116	16
17	0.049	0.026	0.022	0.884	0.329	0.126	0.046	1.20	0.049	0.084	0.188E	0.116	17
18	0.048	0.025	0.022	0.769	0.260	0.109	0.037	0.751	0.049	0.082	0.247E	0.115	18
19	0.046	0.025	0.022	0.649	0.232	0.100	0.035	0.477	0.259	0.080	0.288E	0.114	19
20	0.045	0.025	0.023	0.574	0.219	0.087	0.031	0.338	1.87	0.080	0.278E	0.112	20
21	0.045	0.025	0.023	0.474	0.198	0.078	0.028	0.255	1.86	0.081E	0.268E	0.111	21
22	0.044	0.024	0.023	0.385	0.188	0.087	0.026	0.715	1.88	0.081E	0.247E	0.110	22
23	0.043	0.024	0.023	0.338	0.178	0.080	0.023	3.35	1.87 E	0.108E	0.228E	0.108	23
24	0.041	0.024	0.024	0.307	0.150	0.080	0.022	3.00	1.31 E	0.124E	0.208E	0.108	24
25	0.040	0.023	0.024	0.284	0.130	0.081	0.020	1.88	0.850E	0.135E	0.178E	0.106	25
26	0.040	0.023	0.025	0.267	0.120	0.057	0.018	1.26	0.723E	0.138E	0.170E	0.105	26
27	0.039	0.023	0.026	0.274	0.109	0.055	0.018	0.824	0.611E	0.135E	0.182E	0.104	27
28	0.038	0.023	0.026	0.258	0.098	0.062	0.015	0.604	0.432E	0.145E	0.195E	0.103	28
29	0.037	0.023	0.044	0.243	0.088	0.059	0.018	0.450	0.368E	0.170E	0.198E	0.102	29
30	0.036		0.052	0.237	0.083	0.052	0.018	0.352	0.315E	0.171E	0.185E	0.101	30
31	0.035		0.060		0.084		0.018	0.284		0.168E		0.100	31
TOTAL	1.581	0.781	0.803	15.805	7.785	2.282	0.843	21.494	13.882	4.082	5.110	3.824	TOTAL
MEAN	0.050	0.027	0.026	0.527	0.251	0.076	0.030	0.693	0.463	0.131	0.170	0.123	MEAN
MAX	0.067	0.035	0.060	1.45	0.518	0.188	0.057	3.35	1.88	0.278	0.288	0.191	MAX
MIN	0.035	0.023	0.022	0.072	0.084	0.036	0.015	0.018	0.046	0.080	0.107	0.100	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 0.214
MAXIMUM DAILY, 3.35 ON AUG 23
MINIMUM DAILY, 0.015 ON JUL 28
MAXIMUM INSTANTANEOUS,
3.78 AT 06:10 CST ON AUG 23

SUMMARY FOR THE YEAR 1988

TYPE OF GAUGE - RECORDING
LOCATION - LAT 48 55 30 N
LONG 91 35 44 W
DRAINAGE AREA, 31.8 km²
A - MANUAL GAUGE

E - ESTIMATED
NATURAL FLOW

MONTHLY TOTAL DISCHARGE
IN CUBIC DECAMETRES

JAN	135	JUL	81.5
FEB	66.3	AUG 1	850
MAR	89.4	SEP 1	200
APR 1	370	OCT	351
MAY	673	NOV	442
JUN	197	DEC	330

TOTAL DISCHARGE, 6 780 dam³

FAIRCHILD CREEK NEAR BRANTFORD - STATION NO. 02EB007

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1988

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	3.10 B	5.53	2.30B	7.78	2.59	0.591	0.364	1.03	0.378	0.384	1.41	2.12	1
2	2.20 B	4.00 B	2.40B	6.82	2.28	0.553	0.298	0.638	0.374	0.661	1.24	1.88	2
3	1.60 B	3.20 B	2.80B	7.89	2.01	0.524	0.287	0.430	0.734	0.692	1.12	1.71	3
4	1.40 B	2.70 B	3.00B	15.8	1.78	0.493	0.281	0.380	1.50	0.653	1.13	1.63	4
5	1.20 B	2.20 B	3.80B	16.1	1.62	0.499	0.288	0.354	1.73	0.418	1.28	1.38	5
6	1.03 B	1.80 B	4.80B	12.X	1.49	0.446	0.286	0.795	1.07	0.400	3.49	1.38	6
7	0.940B	1.50 B	5.00B	10.[illegible]	1.38	0.427	0.260	0.442	0.891	0.391	2.98	1.32	7
8	0.880B	1.25 B	9.38	8.[illegible]	1.28	0.405	0.261	0.352	0.830	0.375	3.80	1.26	8
9	0.870B	1.15 B	12.0	7.46	1.19	0.404	0.275	0.338	0.840	0.365	4.26	1.20 B	9
10	0.840B	1.10 B	13.4	6.18	1.67	0.401	0.272	0.392	0.738	0.352	4.49	1.18 B	10
11	0.820B	1.05 B	11.8	4.48	1.48	0.380	0.299	0.384	0.653	0.[illegible]	5.61	1.14 B	11
12	0.800B	1.00 B	11.1	3.65	1.54	0.383	0.299	0.601	0.592	0.78[illegible]	5.15	1.08 B	12
13	0.780B	0.970B	9.85	2.85	1.44	0.375	0.299	0.715	0.586	0.602	5.31	0.900B	13
14	0.780B	0.860B	9.06	2.63	1.30	0.374	0.301	0.508	0.548	0.587	7.91	0.750B	14
15	0.770B	1.00 B	7.81	2.77	1.20	0.364	0.368	0.421	0.527	0.529	7.34	0.720B	15
16	0.770B	2.50 B	6.86	2.39	2.22	0.358	0.308	0.423	0.493	0.462	6.16	0.890B	16
17	0.780B	3.00 B	5.58	2.15	2.76	0.348	1.30	0.426	0.905	0.404	5.38	0.670B	17
18	0.850B	3.20 B	4.77	2.24	2.45	0.345	0.597	0.404	1.05	2.05	4.24	0.850B	18
19	1.11 B	3.40 B	4.10B	2.28	2.23	0.337	0.353	0.374	0.743	2.97	3.25	0.830B	19
20	2.40 B	3.70 B	3.80B	2.18	2.08	0.311	0.315	0.353	0.671	2.62	3.61	0.880B	20
21	4.67	3.30 B	2.80B	2.27	2.20	0.308	0.300	0.340	0.710	2.32	8.20	0.740B	21
22	3.30	3.10 B	2.40B	2.20	1.87	0.312	0.385	0.338	0.675	2.86	8.36	0.850B	22
23	2.89	2.80 B	2.80	2.36	1.66	0.325	1.23	0.341	1.01	2.70	7.18	1.10 B	23
24	2.10 B	2.60 B	5.37	2.63	1.46	0.332	1.13	0.363	0.803	2.57	5.86	2.30 B	24
25	1.80 B	2.75 B	8.48	2.63	1.22	0.323	0.848	0.463	0.633	2.81	4.68	2.00 B	25
26	1.30 B	2.65 B	16.1	2.25	1.06	0.319	0.397	0.477	0.872	2.52	3.84	1.80 B	26
27	1.10 B	2.50 B	16.7	2.03	0.984	0.308	0.358	0.386	0.520	2.41	3.14	1.75	27
28	1.00 B	2.55 B	14.3	1.93	0.875	0.312	0.372	0.383	0.478	2.30	2.87	11.0	28
29	0.930B	2.45 B	11.4	2.08	0.758	0.305	0.376	0.383	0.440	2.14	2.65	11.7	29
30	0.880B		10.1	2.78	0.692	0.304	1.08	0.385	0.417	1.80	2.36	8.34	30
31	1.30 B		8.87		0.643		4.33	0.383		1.80		7.31	31
TOTAL	46.020	70.310	233.45	146.82	49.282	11.447	18.138	13.837	22.193	42.298	126.13	71.780	TOTAL
MEAN	1.48	2.42	7.53	4.86	1.59	0.382	0.585	0.460	0.740	1.36	4.30	2.31	MEAN
MAX	4.67	5.53	16.7	16.1	2.76	0.591	4.33	1.03	1.73	2.87	8.20	11.7	MAX
MIN	0.770	0.860	2.20	1.93	0.643	0.304	0.272	0.338	0.374	0.352	1.12	0.830	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 2.34
MAXIMUM DAILY, 16.7 ON MAR 27
MINIMUM DAILY, 0.272 ON JUL 10
MAXIMUM INSTANTANEOUS,
17.0 AT 16:18 EST ON MAR 27

SUMMARY FOR THE YEAR 1988

TYPE OF GAUGE - RECORDING
LOCATION - LAT 43 06 49 N
LONG 80 08 18 W
DRAINAGE AREA, 360 km²

B - ICE CONDITIONS

NATURAL FLOW

MONTHLY TOTAL DISCHARGE
IN CUBIC DECAMETRES

JAN	3 680	JUL	1 570
FEB	6 070	AUG	1 200
MAR	20 200	SEP	1 820
APR	12 800	OCT	3 650
MAY	4 280	NOV	11 200
JUN	989	DEC	8 200

TOTAL DISCHARGE, 74 000 dam³

PALL RIVER NEAR PALLBROOK - STATION NO. 02KF014

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1988

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	5.36	3.41	3.20B	11.4	6.36	2.80	0.477	0.057E	0.041E	0.057E	0.118	1.51	1
2	5.17	3.89	3.10B	11.7	6.12	2.54	0.507	0.058E	0.041E	0.058E	0.184	1.63	2
3	4.85	3.84	3.01	12.1	6.08	2.38	0.535	0.055E	0.042E	0.059E	0.253	1.62	3
4	4.68	4.01	2.95B	13.0	5.96	2.41	0.477	0.055E	0.042E	0.059E	0.248	1.61	4
5	4.78	3.94	2.87	13.1	5.74	2.30	0.385	0.054E	0.043E	0.060E	0.282	1.54	5
6	4.59	3.85	2.81	13.1	5.38	2.19	0.378	0.054E	0.043E	0.060E	0.823	1.59	6
7	4.37	3.88	2.72	13.1	4.89	1.89	0.338	0.053E	0.044E	0.061E	0.587	1.61	7
8	4.12	3.59	2.85	13.0	5.09	1.87	0.314	0.053E	0.044E	0.061E	0.803	1.89	8
9	4.02	3.44	2.87	12.7	4.92	1.78	0.288	0.052E	0.045E	0.062E	0.850	1.74	9
10	3.90	3.37	2.73	12.3	4.77	1.71	0.288	0.052E	0.045E	0.063E	1.20	1.75	10
11	3.75	3.31	2.70	11.8	4.01	1.84	0.233	0.051E	0.046E	0.063E	0.857	1.81	11
12	3.63	3.54	2.68	11.5	4.15	1.71	0.185	0.051E	0.046E	0.064E	0.844	1.79	12
13	3.57	3.63	2.89	11.2	4.23	1.55	0.188	0.050E	0.047E	0.064E	0.908	1.76	13
14	3.47	3.52	2.88	11.0	3.48	1.47	0.176	0.050E	0.047E	0.065E	1.00	1.75	14
15	3.36	3.56	2.68	10.7	3.82	1.44	0.182	0.049E	0.048E	0.066E	0.790	1.80	15
16	3.28	3.49	2.81	10.0	3.46	1.10	0.172	0.049E	0.048E	0.066E	1.00	1.82	16
17	3.21	3.44	2.81	9.92	3.84	1.00	0.141	0.048E	0.049E	0.067E	1.49	1.83	17
18	3.21	3.33	2.82	9.47	3.70	1.07	0.144	0.048E	0.049E	0.090A	1.01	1.86	18
19	3.21	3.31	2.58	8.76	3.80	1.07	0.145	0.047E	0.050E	0.072E	0.890	1.86	19
20	3.30	3.54	2.54	8.02	4.42	1.06	0.100A	0.047E	0.051E	0.073E	0.839	1.96	20
21	3.40	3.50B	2.48	7.72	4.77	0.750	0.092E	0.048E	0.051E	0.075E	0.896	2.03	21
22	3.38	3.47	2.41	7.30	4.84	0.658	0.085E	0.048E	0.052E	0.076E	0.892	2.03	22
23	3.33	3.55	2.45	6.88	4.63	0.648	0.082E	0.048E	0.053E	0.077E	0.852	2.08	23
24	3.30	3.52	2.59	7.02	4.27	0.677	0.078E	0.045E	0.053E	0.080E	0.826	2.17	24
25	3.24	3.60	3.01	6.52	4.08	0.716	0.073E	0.044E	0.054E	0.085A	0.897	2.31	25
26	3.16	3.38	4.83	6.58	4.31	0.643	0.089E	0.044E	0.055E	0.089E	0.895	2.24	26
27	3.07	3.31	7.98	5.71	4.08	0.605	0.086A	0.043E	0.055A	0.092A	1.32	2.34	27
28	2.93	3.27	9.43	5.87	3.81	0.667	0.084E	0.043E	0.056E	0.177A	1.12	2.50	28
29	2.82	3.23	10.2	5.87	3.49	0.639	0.082E	0.042E	0.056E	0.237	1.33	2.44	29
30	2.74		11.1	5.81	3.80	0.623	0.082A	0.042E	0.057E	0.134	1.63	2.41	30
31	2.87		11.3		3.00		0.083E	0.041A		0.131		2.40	31
TOTAL	114.36	102.52	122.86	294.03	136.81	41.795	8.485	1.812	1.453	3.883	25.034	59.89	TOTAL
MEAN	3.88	3.54	3.97	9.80	4.48	1.38	0.208	0.048	0.048	0.082	0.834	1.83	MEAN
MAX	5.36	4.01	11.3	13.1	6.36	2.80	0.535	0.057	0.057	0.237	1.63	2.80	MAX
MIN	2.74	3.23	2.41	5.71	3.00	0.523	0.082	0.041	0.041	0.057	0.118	1.51	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 2.48
MAXIMUM DAILY, 13.1 ON APR 6
MINIMUM DAILY, 0.041A ON AUG 31
MAXIMUM INSTANTANEOUS,
13.3 AT 22:36 EST ON APR 6

SUMMARY FOR THE YEAR 1988

TYPE OF GAUGE - RECORDING
LOCATION - LAT 44 57 01 N
LONG 78 24 11 W
DRAINAGE AREA, 277 km²
A - MANUAL GAUGE
B - ICE CONDITIONS
E - ESTIMATED
REGULATED

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	9 880	JUL	658
FEB	8 880	AUG	131
MAR	10 600	SEP	126
APR	25 400	OCT	221
MAY	12 000	NOV	2 180
JUN	3 810	DEC	5 180

TOTAL DISCHARGE, 78 700 dam³

FAREWELL CREEK AT OSHAWA - STATION NO. 02HD014

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1988

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	0.280B	1.60 B	0.333B	1.14	0.881	0.106	0.084	0.080	0.116	0.116	0.281	0.251	1
2	0.270B	0.880B	0.465B	1.08	0.482	0.083	0.088	0.072	0.080	0.320	0.251	0.241	2
3	0.255B	0.600B	0.370B	1.03	0.420	0.142	0.086	0.060	0.085	0.182	0.241	0.230	3
4	0.244B	0.400B	0.380B	5.07	0.348	0.186	0.086	0.058	0.610	0.200	0.251	0.1648	4
5	0.233B	0.270B	0.345B	2.34	0.320	0.176	0.047	0.053	0.291	0.181	0.285	0.182	5
6	0.224B	0.230B	0.410B	1.58	0.281	0.077	0.040	0.048	0.200	0.188	1.14	0.122	6
7	0.218B	0.218B	0.800B	1.36	0.261	0.072	0.040	0.031	0.118	0.210	0.686	0.241	7
8	0.210B	0.208B	0.600B	1.03	0.236	0.077	0.038	0.027	0.108	0.181	0.742	0.2108	8
9	0.203B	0.202B	1.43 B	0.836	0.226	0.074	0.036	0.038	0.088	0.162	0.801	0.1858	9
10	0.200B	0.189B	0.830B	0.742	0.267	0.072	0.038	0.053	0.080	0.154	0.768	0.1208	10
11	0.197B	0.197B	0.600B	0.742	0.248	0.074	0.072	0.014	0.085	0.228	0.888	0.1158	11
12	0.195B	0.195B	0.600B	0.619	0.205	0.068	0.082	0.045	0.080	0.261	0.800	0.1078	12
13	0.192B	0.184B	0.480B	0.530	0.186	0.055	0.083	0.045	0.103	0.330	1.76	0.1038	13
14	0.190B	0.183B	0.470B	0.653	0.176	0.051	0.055	0.041	0.090	0.181	1.23	0.0988	14
15	0.188B	1.30 B	0.460B	1.85	0.167	0.055	0.051	0.041	0.085	0.191	0.742	0.0968	15
16	0.188B	1.15 B	0.462B	0.831	0.522	0.066	0.067	0.048	0.080	0.191	0.507	0.0938	16
17	0.187B	0.880B	0.490B	0.768	0.366	0.051	0.257	0.172	0.238	0.181	0.530	0.0818	17
18	1.60 B	0.850B	0.560B	0.742	0.353	0.040	0.055	0.041	0.122	0.201	0.810	0.0888	18
19	0.440B	0.845B	0.765B	0.724	0.482	0.038	0.055	0.045	0.116	0.333	0.413	0.1408	19
20	2.00 B	3.00 B	0.670B	0.670	0.768	0.036	0.045	0.041	0.281	0.273	0.385	0.7008	20
21	1.40 B	2.00 B	0.530B	1.03	0.887	0.062	0.045	0.038	0.122	0.241	0.821	0.4008	21
22	0.900B	1.50 B	0.410B	0.820	0.853	0.049	0.048	0.041	0.122	0.879	0.598	0.1508	22
23	0.500B	5.15 B	0.385B	0.492	0.302	2.21	0.047	0.038	0.281	0.853	0.810	1.30 B	23
24	0.330B	3.00 B	0.360B	0.454	0.236	0.447	0.048	0.055	0.210	0.484	0.484	0.8008	24
25	0.380B	1.15 B	3.22	0.433	0.210	0.205	0.045	0.090	0.164	0.810	0.420	0.3208	25
26	0.340B	0.600B	7.30	0.492	0.176	0.150	0.064	0.122	0.119	0.562	0.281	0.1708	26
27	0.325B	0.370B	2.71	0.420	0.158	0.100	0.770	0.138	0.109	0.385	0.385	0.6008	27
28	0.318B	0.350B	2.74	0.602	0.122	0.087	0.241	0.116	0.182	0.385	0.288	5.00 B	28
29	0.312B	0.338B	1.19	0.853	0.118	0.077	0.085	0.096	0.142	0.372	0.296	3.00 B	29
30	0.600B		2.84	0.931	0.119	0.077	0.090	0.090	0.130	0.358	0.273	1.00 B	30
31	2.50 B		2.74		0.108		0.118	0.077		0.261		0.5008	31
TOTAL	15.868	28.295	38.985	30.745	9.915	5.851	2.854	1.856	4.578	9.311	17.841	16.508	TOTAL
MEAN	0.502	0.975	1.16	1.02	0.320	0.188	0.092	0.063	0.153	0.300	0.585	0.533	MEAN
MAX	2.50	5.15	7.30	5.07	0.881	2.21	0.770	0.172	0.610	0.878	1.76	5.00	MAX
MIN	0.187	0.193	0.333	0.420	0.108	0.038	0.038	0.014	0.080	0.118	0.241	0.088	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 0.489
MAXIMUM DAILY, 7.30 ON MAR 26
MINIMUM DAILY, 0.014 ON AUG 11

SUMMARY FOR THE YEAR 1988

TYPE OF GAUGE - MANUAL
LOCATION - LAT 43 53 18 N
LONG 78 49 16 W
DRAINAGE AREA, 58.5 km²

B - ICE CONDITIONS

NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	1 350	JUL	247
FEB	2 440	AUG	188
MAR	3 110	SEP	396
APR	2 680	OCT	804
MAY	857	NOV	1 520
JUN	488	DEC	1 430

TOTAL DISCHARGE, 15 500 dam³

FAWN RIVER BELOW BIG TROUT LAKE - STATION NO. 04CE002

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1988

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	26.1B	22.7B	21.5B	21.5B	22.3	29.5	34.9E	31.0E	24.0	24.8	22.7	24.0	1
2	25.8B	23.6B	21.5B	21.5B	22.3	31.5	34.9E	30.8E	24.3	24.1	22.5	23.7B	2
3	25.7B	22.5B	21.5B	21.6B	22.3	32.8	34.9E	30.6E	24.6	23.6	23.1	23.6B	3
4	25.5B	22.4B	21.4B	21.7B	22.3	34.1	34.8E	30.3E	24.8	24.4	22.9	23.3B	4
5	25.3B	22.3B	21.4B	21.7B	22.6	33.2	34.8E	30.0E	25.0	24.0	22.6	23.1B	5
6	25.1B	22.3B	21.4B	21.8B	22.8	32.8	34.7E	29.7E	24.3	23.8	22.8	23.0B	6
7	25.0B	22.2B	21.4B	21.8B	22.8	32.8	34.6E	29.5E	24.3	23.7	22.7	22.8B	7
8	24.8B	22.2B	21.4B	21.9	23.3	34.1	34.5E	29.3E	24.2	23.7	22.5	22.5B	8
9	24.6B	22.1B	21.3B	21.8	23.5	35.4	34.4E	29.0E	23.7	24.2	23.2	22.3B	9
10	24.7B	22.1B	21.3B	22.2	24.0	36.1	34.3E	28.8E	24.8	25.8	23.2	22.2B	10
11	24.5B	22.1B	21.3B	22.3	24.2	36.1	34.2E	28.1E	22.7	24.8	23.9	22.1B	11
12	24.4B	22.0B	21.3B	22.2	24.3	33.4	34.1E	27.8E	22.5	23.8	22.4	21.9B	12
13	24.3B	22.0B	21.3B	22.4	24.7	33.4E	34.0E	27.7E	22.8	23.7	22.9	21.7B	13
14	24.1B	22.0B	21.3B	22.3	24.8	33.8E	34.0E	27.5E	23.3	23.8	23.5	21.5B	14
15	24.0B	21.9B	21.3B	22.3	25.1	33.9E	33.9E	27.4E	23.2	22.8	23.0	21.4B	15
16	23.9B	21.9B	21.3B	22.3	25.7	34.0E	33.8E	27.2E	22.5	23.8	23.1	21.2B	16
17	23.8B	21.9B	21.3B	22.3	25.8	34.1E	33.8E	27.0E	22.6	24.8	24.5	21.1B	17
18	23.7B	21.8B	21.3B	22.3	26.1	34.2E	33.6E	26.9A	22.4	24.0	24.4	21.0B	18
19	23.6B	21.8B	21.3B	22.2	26.1	34.3E	33.3E	26.8	20.8	23.8	23.9	20.8B	19
20	23.5B	21.7B	21.3B	22.2	26.9	34.4E	33.1E	26.5	22.4	22.8	23.9	20.8B	20
21	23.4B	21.7B	21.4B	22.2	27.3	34.5E	32.9E	26.4	23.2	24.4	23.9	20.4B	21
22	23.4B	21.7B	21.4B	22.2	28.1	34.6E	32.7E	26.3	22.9	23.7	24.0	20.3B	22
23	23.3B	21.6B	21.4B	22.2	30.0	34.7E	32.5E	26.8	24.4	22.6	23.9	20.1B	23
24	23.2B	21.6B	21.4B	22.3	29.2	34.6E	32.4E	26.0	23.9	24.0	23.6	20.0B	24
25	23.1B	21.6B	21.4B	22.1	29.2	34.9E	32.3E	26.6	24.3	26.0	24.5	19.9B	25
26	23.0B	21.6B	21.4B	22.1	30.3	34.9E	32.1E	26.4	23.6	26.6	24.6	19.8B	26
27	23.0B	21.6B	21.4B	22.0	29.2	35.0E	31.9E	26.5	23.5	25.1	24.4	19.8B	27
28	22.9B	21.5B	21.4B	22.0	29.3	35.0E	31.7E	26.7	23.4	23.7	24.1	19.5B	28
29	22.8B	21.5B	21.5B	22.0	30.3	35.0E	31.5E	26.3	23.7	24.4	24.1	19.3B	29
30	22.6B		21.5B	22.1	30.0	35.0E	31.3E	26.3	26.2	23.2	24.2	19.2B	30
31	22.7B		21.6B		29.2		31.1E	26.2		22.7		19.1B	31
TOTAL	748.5	636.8	662.8	661.5	804.2	1 022.2	1 036.8	882.7	707.6	745.7	704.3	680.8	TOTAL
MEAN	24.1	22.0	21.4	22.1	25.9	34.1	33.4	27.5	23.6	24.1	23.5	21.3	MEAN
MAX	26.1	23.7	21.5	22.4	30.3	36.1	34.9	31.0	26.2	26.8	24.8	24.0	MAX
MIN	22.7	21.5	21.3	21.5	22.3	29.5	31.1	26.2	20.8	22.8	22.4	19.1	MIN

SUMMARY FOR THE YEAR 1988

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 25.3
MAXIMUM DAILY, 36.1 ON JUN 10
MINIMUM DAILY, 19.1B ON DEC 31

TYPE OF GAUGE - RECORDING
LOCATION - LAT 53 48 00 N
LONG 88 33 00 W
DRAINAGE AREA, 4 350 km²
A - MANUAL GAUGE
B - ICE CONDITIONS
E - ESTIMATED
NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	66 500	JUL	89 600
FEB	55 000	AUG	73 700
MAR	57 300	SEP	61 100
APR	57 200	OCT	64 400
MAY	69 600	NOV	60 900
JUN	88 300	DEC	57 100

TOTAL DISCHARGE, 799 000 dam³

FISH CREEK NEAR PROSPECT HILL - STATION NO. 02ED010

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1988

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	1.41	8.02	1.03 B	2.77	0.742	0.272	0.042	0.015	0.004	0.011	1.65	1.74	1
2	0.987	4.33	0.987	2.36	0.689	0.256	0.042	0.013	0.004	0.018	1.48	1.74	2
3	1.06	2.45	1.33	8.37	0.681	0.268	0.024	0.010	0.006	0.021	1.30	1.72	3
4	0.984	2.06	1.06 B	7.82	0.631	0.241	0.023	0.008	0.022	0.018	1.20	1.64	4
5	0.722	1.80	0.9378	4.88	0.611	0.219	0.020	0.005	0.015	0.027	1.48	1.55	5
6	0.730	1.15	1.36 B	3.32	0.588	0.181	0.022	0.010	0.019	0.026	3.59	1.46	6
7	0.868	1.10	2.36	2.86	0.562	0.173	0.022	0.007	0.020	0.020	2.98	1.35	7
8	0.853	0.987	4.88	2.17	0.559	0.157	0.021	0.006	0.015	0.019	2.43	1.18	8
9	0.858	0.886	12.5	1.80	0.585	0.166	0.021	0.005	0.012	0.017	3.68	1.05	9
10	0.820	0.982	12.8	1.56	0.883	0.203	0.020	0.005	0.008	0.024	8.58	0.943	10
11	0.886	0.85[illegible]	8.84	1.35	0.681	0.181	0.022	0.005	0.008	2.18	8.31	0.866	11
12	0.547	0.805	7.75	1.20	0.587	0.202	0.018	0.008	0.003	4.50	5.31	0.738	12
13	0.560	0.747	8.07	1.14	0.571	0.218	0.018	0.005	0.008	4.27	10.4	0.735	13
14	0.470	0.557	4.37	1.10	0.573	0.188	0.018	0.004	0.004	2.43	13.8	0.777	14
15	0.448	0.872	3.18	1.14	0.578	0.184	0.017	0.008	0.003	1.55	7.02	0.738	15
16	0.429	1.31	2.57	1.02	0.789	0.121	0.018	0.005	0.002	1.08	4.38	0.864	16
17	0.584	1.54	2.28	0.871	1.08	0.162	0.028	0.007	0.001	0.830	3.57	0.827	17
18	2.74	1.47	2.22	1.07	0.783	0.220	0.023	0.005	0.005	1.54	2.85	0.801	18
19	2.60	1.40	2.17	0.988	0.616	0.252	0.018	0.004	0.005	2.44	2.35	0.810	19
20	2.26	1.41	1.91	0.898	0.578	0.284	0.017	0.005	0.008	1.88	2.53	1.24	20
21	3.54	1.23	1.58	0.876	1.07	0.285	0.018	0.008	0.008	1.49	8.05	8.13	21
22	1.83	1.13	1.41	0.869	1.57	0.260	0.018	0.008	0.010	1.72	7.08	3.88	22
23	1.30	1.73	2.87	1.09	1.08	0.248	0.017	0.005	0.012	1.78	4.31	3.81	23
24	1.01	2.08	15.0	1.52	0.823	0.198	0.018	0.006	0.009	1.88	3.25	5.43	24
25	0.888	1.85	13.8	1.22	0.850	0.033	0.017	0.006	0.008	8.07	2.84	3.38	25
26	0.781	1.52	18.7	1.08	0.558	0.031	0.018	0.005	0.007	10.7	2.27	2.35	26
27	0.855	1.29	9.31	1.00	0.478	0.031	0.015	0.005	0.007	8.15	2.17	3.10	27
28	0.812	1.26 B	4.87	0.956	0.417	0.028	0.015	0.006	0.008	5.01	2.00	14.8	28
29	0.576	1.13	4.66	0.889	0.375	0.026	0.012	0.005	0.007	3.58	1.77	8.26	29
30	1.18		4.35	0.847	0.340	0.050	0.014	0.006	0.009	2.55	1.73	3.98	30
31	4.76		3.31		0.296		0.013	0.005		1.81		2.85	31
TOTAL	38.766	47.936	169.044	55.854	20.804	5.264	0.830	0.206	0.257	87.833	122.86	78.820	TOTAL
MEAN	1.18	1.65	5.13	1.80	0.671	0.178	0.020	0.007	0.009	2.18	4.10	2.67	MEAN
MAX	4.76	8.02	18.7	7.82	1.57	0.272	0.042	0.015	0.022	10.7	13.8	14.8	MAX
MIN	0.429	0.557	0.937	0.847	0.296	0.026	0.012	0.004	0.001	0.011	1.20	0.801	MIN

SUMMARY FOR THE YEAR 1988

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 1.83
MAXIMUM DAILY, 18.7 ON MAR 26
MINIMUM DAILY, 0.001 ON SEP 1
MAXIMUM INSTANTANEOUS,
19.2 AT 03:40 EST ON MAR 26

TYPE OF GAUGE - RECORDING
LOCATION - LAT 43 13 14 N
LONG 81 14 14 W
DRAINAGE AREA, 180 km²

B - ICE CONDITIONS

NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	3 180	JUL	54.4
FEB	4 140	AUG	17.8
MAR	13 700	SEP	22.2
APR	4 810	OCT	5 840
MAY	1 800	NOV	10 600
JUN	457	DEC	6 800

TOTAL DISCHARGE, 51 800 dam³

FREDERICK HOUSE RIVER AT FREDERICK HOUSE LAKE DAM - STATION NO. 04MD002

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1988

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	22.8	37.0	34.0	41.6	0	92.6	15.7	20.8	85.6	84.9	83.1	101	1
2	22.8	36.6	48.4	38.8	52.3	90.0	16.8	18.6	86.7	81.7	78.7	101	2
3	22.8	36.7	48.0	38.0	174	90.8	16.5	20.4	85.0	82.5	81.4	102	3
4	22.9	36.6	47.7	34.5	216	90.8	19.5	20.4	83.2	83.3	83.1	102	4
5	24.7	36.5	47.4	33.4	304	90.8	19.9	21.8	83.2	59.4	81.4	102	5
6	38.3	36.4	47.3	32.8	300	85.3	20.4	23.6	80.6	80.8	82.3	102	6
7	38.2	36.3	47.0	0	303	48.4	20.4	23.0	80.6	83.3	205	100	7
8	38.1	36.3	46.8	18.5	304	48.8	20.8	24.8	83.2	83.3	291	99.0	8
9	38.1	36.2	---	0	303	26.4	19.8	36.7	84.8	83.3	285	98.4	9
10	38.8	36.0	---	0	299	13.0	20.4	86.1	80.8	86.5	278	96.8	10
11	38.8	35.8	---	0	285	14.0	19.5	88.4	75.8	86.3	285	94.8	11
12	38.7	35.8	---	0	104	14.5	18.5	86.8	76.3	87.8	285	93.8	12
13	38.7	35.8	---	0	111	14.0	19.8	86.1	82.0	82.5	280	87.1	13
14	38.6	35.7	45.4	0	111	14.5	21.4	82.4	83.2	77.0	213	22.0	14
15	38.5	35.6	45.1	0	121	14.9	18.0	147	82.5	84.9	187	86.0	15
16	38.4	35.5	44.8	0	111	13.4	20.4	180	84.8	85.8	181	84.8	16
17	38.4	35.5	50.3	0	118	14.0	19.8	248	86.5	86.7	185	84.8	17
18	38.3	35.3	58.0	0	120	14.8	18.4	170	86.5	85.4	185	84.4	18
19	38.1	35.2	57.1	0	158	15.8	19.9	92.1	85.0	83.1	185	84.3	19
20	38.0	35.1	58.1	0	304	15.8	19.9	93.1	84.8	82.5	184	84.1	20
21	38.0	35.0	55.1	0	201	14.5	20.4	88.5	85.5	85.8	183	84.1	21
22	37.9	34.8	54.0	0	183	15.3	19.9	90.3	85.5	84.9	181	84.0	22
23	37.8	34.8	53.3	0	188	14.5	20.4	90.3	86.3	83.1	180	83.8	23
24	37.7	34.7	53.0	0	138	14.8	20.4	88.5	87.0	84.0	148	83.7	24
25	37.8	34.6	51.3	0	85.3	15.7	19.9	87.8	89.4	83.1	148	83.5	25
26	37.5	34.4	50.7	0	92.6	13.4	19.0	85.0	87.0	82.2	144	83.3	26
27	37.4	34.4	48.9	0	90.8	15.7	19.8	86.7	87.8	82.0	142	83.0	27
28	37.3	34.3	48.5	0	81.7	15.8	19.8	88.5	87.8	88.5	143	82.8	28
29	37.2	34.2	48.2	0	92.6	14.8	21.5	87.6	88.1	88.5	122	82.8	29
30	37.2		47.3	0	83.5	14.5	20.4	85.8	82.5	80.5	88.3	82.4	30
31	37.1		48.5		92.6		17.5	84.9		84.8		82.4	31
TOTAL	1 113.2	1 031.4	---	233.4	5 057.4	850.1	609.2	2 436.2	2 011.8	2 320.8	4 813.3	2 184.8	TOTAL
MEAN	35.8	35.6	---	7.78	183	31.7	19.7	78.6	67.1	74.9	184	70.8	MEAN
MAX	38.3	37.0	---	41.6	304	92.6	21.5	248	88.7	88.5	291	102	MAX
MIN	22.8	34.2	---	0	0	13.0	15.7	18.6	82.5	86.3	78.7	22.0	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MAXIMUM DAILY, 304 ON MAY 5
MINIMUM DAILY, 0 ON APR 7

DATA CONTRIBUTED BY -
ONTARIO HYDRO

SUMMARY FOR THE YEAR 1988

TYPE OF GAUGE - MANUAL
LOCATION - LAT 48 47 33 N
LONG 81 00 53 W
DRAINAGE AREA, 2 570 km²

REGULATED SINCE 1936

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	86 200	JUL	52 600
FEB	89 100	AUG	210 000
MAR	---	SEP	174 000
APR	20 200	OCT	200 000
MAY	437 000	NOV	416 000
JUN	82 100	DEC	190 000

FREDERICK HOUSE RIVER AT NIGHTHAWK LAKE - STATION NO. 04MD003

DAILY WATER LEVEL IN METRES FOR 1988

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	274.110	273.640	273.070E	271.740	273.820	274.300	274.320	274.350	274.330	274.420	274.450	274.080	1
2	274.110	273.600E	273.070	271.680	274.110	274.280	274.330	274.340	274.320	274.400	274.440	274.070	2
3	274.100	273.580	273.040	271.680	274.240	274.280	274.330	274.380	274.320	274.420	274.440	274.080	3
4	274.100	273.570	273.020	271.680	274.350	274.270	274.360	274.370	274.300	274.430	274.440	274.070	4
5	274.090	273.580E	272.980	271.680	274.400	274.280	274.380	274.400	274.280	274.410	274.450	274.070	5
6	274.070	273.520	272.880	271.740	274.420	274.240	274.380	274.430	274.280	274.410	274.450	274.080	6
7	274.080	273.490	272.830	271.630	274.420	274.240	274.370	274.430	274.280	274.420	274.520	274.080	7
8	274.050	273.490	272.880	271.680	274.420	274.230	274.370	274.450	274.280	274.420	274.510	274.040	8
9	274.020	273.490	272.880	271.810	274.400	274.220	274.370	274.450	274.280	274.420	274.450	274.030	9
10	274.010	273.440E	272.880	272.020	274.380	274.230	274.380	274.450	274.250	274.430	274.430	274.010	10
11	274.000	273.420E	272.830	272.130	274.300	274.240	274.380	274.450	274.240	274.400	274.410	274.000	11
12	273.970	273.400	272.790	272.230	274.320	274.240	274.380	274.440	274.240	274.400	274.340	273.980	12
13	273.950	273.410	272.770	272.360	274.380	274.250	274.380	274.450	274.250	274.440	274.240	273.980	13
14	273.920	273.400	272.730	272.440	274.380	274.250	274.380	274.480	274.270	274.480	274.130	273.880	14
15	273.890	273.390	272.710	272.550	274.430	274.270	274.380	274.500	274.300	274.480	274.150	273.880	15
16	273.900	273.340E	272.680	272.680	274.430	274.230	274.380	274.520	274.310	274.480	274.150	273.850	16
17	273.890	273.380	272.650	272.740	274.440	274.260	274.360	274.500	274.320	274.470	274.180	273.930	17
18	273.870	273.330	272.630	272.800	274.460	274.270	274.370	274.430	274.330	274.440	274.140	273.880	18
19	273.850	273.320	272.580	272.880	274.470	274.280	274.370	274.420	274.320	274.450	274.140	273.880	19
20	273.830	273.280	272.500	272.950	274.450	274.260	274.370	274.420	274.340	274.450	274.140	273.880	20
21	273.830	273.250E	272.450	273.000	274.410	274.280	274.380	274.400	274.300	274.450	274.170	273.850	21
22	273.800	273.250	272.380	273.080	274.370	274.260	274.380	274.400	274.310	274.450	274.110	273.820	22
23	273.800	273.240	272.340	273.120	274.320	274.220	274.370	274.380	274.300	274.450	274.080	273.800	23
24	273.770	273.230	272.280	273.130	274.350	274.250	274.370	274.380	274.340	274.440	274.080	273.800	24
25	273.780	273.210	272.180	273.250	274.350	274.260	274.370	274.380	274.350	274.440	274.040	273.760	25
26	273.740	273.180	272.150	273.310	274.280	274.280	274.380	274.350	274.340	274.440	274.010	273.730	26
27	273.400	273.170	272.020	273.400	274.270	274.280	274.380	274.350	274.380	274.440	274.000	273.710	27
28	273.880	273.150	272.040	273.500	274.280	274.280	274.380	274.380	274.370	274.450	274.010	273.880	28
29	273.880	273.130	271.950	273.610	274.280	274.280	274.370	274.380	274.380	274.430	274.030	273.880	29
30	273.870		271.900	273.780	274.300	274.310	274.380	274.340	274.400	274.420	274.040	273.860	30
31	273.860		271.630		274.300		274.330	274.340		274.440		273.860	31
MEAN	273.880	273.373	272.584	272.587	274.335	274.281	274.380	274.407	274.310	274.434	274.238	273.808	MEAN
MAX	274.110	273.640	273.070	273.780	274.470	274.310	274.380	274.520	274.400	274.470	274.520	274.080	MAX
MIN	273.400	273.130	271.630	271.680	273.820	274.220	274.320	274.340	274.240	274.400	274.000	273.840	MIN

WATER LEVELS IN METRES

MEAN, 273.881
MAXIMUM DAILY, 274.520 ON AUG 16
MINIMUM DAILY, 271.680 ON APR 3

SUMMARY FOR THE YEAR 1988

TYPE OF GAUGE - MANUAL
LOCATION - LAT 48 32 50 N
LONG 80 58 28 W
DATA CONTRIBUTED BY -
ONTARIO HYDRO

E - ESTIMATED

REGULATED SINCE 1936

DRAINAGE AREA,
2 540 km²

WATER LEVELS ARE REFERRED TO TEMISKAMING AND NORTHERN ONTARIO RAILWAY DATUM
APPLY -0.582 m ADJUSTMENT TO CONVERT TO GEODETIC SURVEY OF CANADA DATUM

FRENCH LAKE NEAR ATIKOKAN - STATION NO. 05PA010

DAILY WATER LEVEL IN METRES FOR 1988

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	31.172	31.185	31.161	31.203	31.338	31.417	31.291	31.181	31.821	31.542	31.382	31.418	1
2	31.168	31.182	31.152	31.204	31.328	31.402	31.285	31.195	31.852	31.528	31.357	31.420	2
3	31.168	31.183	31.149	31.210	31.340	31.394	31.278	31.203	31.855	31.524	31.358	31.417	3
4	31.167	31.183	31.146	31.213	31.340	31.395	31.274	31.202	31.850	31.514	31.351	31.418	4
5	31.167	31.183	31.146	31.218	31.341	31.394	31.276	31.226	31.845	31.508	31.350	31.420	5
6	31.167	31.182	31.147	31.223	31.337	31.394	31.275	31.228	31.838	31.500	31.348	31.417	6
7	31.167	31.183	31.147	31.223	31.337	31.380	31.276	31.235	31.818	31.493	31.348	31.417	7
8	31.165	31.182	31.155	31.218	31.333	31.373	31.270	31.245	31.807	31.483	31.351	31.412	8
9	31.162	31.181	31.157	31.230	31.364	31.377	31.269	31.247	31.800	31.478	31.349	31.410	9
10	31.159	31.180	31.156	31.234	31.400	31.375	31.264	31.248	31.770	31.472	31.351	31.408	10
11	31.158	31.156	31.167	31.238	31.411	31.368	31.249	31.243	31.732	31.460	31.350	31.403	11
12	31.158	31.156	31.171	31.249	31.426	31.358	31.238	31.237	31.730	31.451	31.344	31.388	12
13	31.160	31.158	31.177	31.264	31.448	31.358	31.258	31.241	31.721	31.441	31.350	31.401	13
14	31.160	31.163	31.178	31.277	31.455	31.374	31.235	31.431	31.704	31.431	31.350	31.400	14
15	31.163	31.163	31.180	31.280	31.462	31.378	31.242	31.568	31.686	31.426	31.339	31.400	15
16	31.163	31.163	31.176	31.286	31.462	31.385	31.245	31.650	31.673	31.423	31.372	31.389	16
17	31.163	31.164	31.177	31.311	31.455	31.382	31.242	31.695	31.670	31.418	31.382	31.400	17
18	31.162	31.164	31.178	31.321	31.464	31.359	31.238	31.708	31.658	31.408	31.388	31.398	18
19	31.163	31.163	31.180	31.328	31.464	31.385	31.231	31.711	31.648	31.400	31.390	31.395	19
20	31.162	31.158	31.178	31.332	31.463	31.368	31.224	31.704	31.644	31.394	31.388	31.391	20
21	31.161	31.155	31.178	31.331	31.462	31.364	31.222	31.692	31.638	31.390	31.389	31.388	21
22	31.161	31.156	31.176	31.331	31.462	31.334	31.217	31.703	31.633	31.381	31.401	31.378	22
23	31.160	31.155	31.176	31.332	31.460	31.317	31.216	31.789	31.629	31.382	31.402	31.381	23
24	31.160	31.157	31.172	31.334	31.464	31.322	31.216	31.841	31.607	31.388	31.400	31.382	24
25	31.160	31.157	31.168	31.335	31.464	31.331	31.203	31.854	31.597	31.387	31.407	31.382	25
26	31.160	31.156	31.197	31.337	31.454	31.313	31.198	31.855	31.578	31.383	31.407	31.374	26
27	31.158	31.156	31.195	31.336	31.443	31.306	31.191	31.855	31.572	31.378	31.416	31.378	27
28	31.157	31.154	31.193	31.336	31.435	31.301	31.195	31.848	31.563	31.368	31.418	31.382	28
29	31.153	31.153	31.202	31.337	31.434	31.286	31.190	31.830	31.548	31.378	31.418	31.381	29
30	31.153		31.204	31.336	31.432	31.283	31.191	31.817	31.551	31.371	31.420	31.382	30
31	31.160		31.204		31.428		31.186	31.800		31.365		31.380	31
MEAN	31.162	31.158	31.173	31.281	31.417	31.357	31.238	31.526	31.701	31.435	31.376	31.398	MEAN
MAX	31.172	31.185	31.204	31.336	31.465	31.417	31.291	31.855	31.855	31.542	31.420	31.420	MAX
MIN	31.153	31.153	31.146	31.203	31.337	31.283	31.186	31.181	31.548	31.365	31.339	31.374	MIN

SUMMARY FOR THE YEAR 1988

WATER LEVELS IN METRES

MEAN, 31.382
MAXIMUM DAILY, 31.855 ON AUG 26
MINIMUM DAILY, 31.146 ON MAR 5
MAXIMUM INSTANTANEOUS,
31.857 AT 17:55 CST ON SEP 2

TYPE OF GAUGE - RECORDING
LOCATION - LAT 48 40 30 N
LONG 91 08 06 W

NATURAL FLOW

WATER LEVELS ARE REFERRED TO ASSUMED DATUM

FRENCH RIVER AT CHAUDIERE DAM - STATION NO. 02DD017

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1988

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	128E	111E	102 E	98.9 E	8.69E	82.7 E	18.9 E	7.38E	73.4E	70.8E	181E	184 E	1
2	127E	112E	101 E	90.7 E	22.6 E	86.6 E	18.6 E	7.78E	77.3E	72.3E	181E	182 E	2
3	126E	112E	100 E	82.5 E	26.4 E	44.0 E	18.9 E	8.24E	80.9E	74.8E	180E	182 E	3
4	125E	112E	99.6E	86.7 E	30.3 E	33.9 E	19.0 E	8.67E	82.4E	72.7E	180E	181 E	4
5	124E	112E	99.5E	91.2 E	51.8 E	33.6 E	18.9 E	8.40E	85.0E	78.1E	179E	180 E	5
6	124E	112E	98.5E	106 E	90.2 E	33.6 E	18.9 E	7.86E	84.8E	82.7E	180E	180 E	6
7	123E	112E	97.6E	125 E	96.2 E	33.9 E	16.2 E	8.50E	83.8E	82.8E	180E	139 E	7
8	123E	111E	97.5E	130 E	97.6 E	33.8 E	12.6 E	8.93E	83.4E	82.8E	180E	118 E	8
9	122E	111E	97.8E	135 E	98.7 E	15.5 E	12.0 E	10.6 E	82.9E	82.8E	181E	123 E	9
10	121E	110E	98.9E	128 E	98.5 E	8.19E	11.7 E	25.8 E	82.4E	82.8E	180E	120 E	10
11	121E	110E	98.7E	43.4 E	98.0 E	8.21E	11.8 E	27.9 E	82.1E	87.7E	180E	118 E	11
12	120E	110E	96.7E	8.98E	98.4 E	8.21E	10.2 E	30.2 E	82.1E	93.1E	180E	117 E	12
13	118E	110E	96.6E	8.84E	116 E	8.21E	9.65E	32.8 E	82.7E	98.8E	180E	112 E	13
14	118E	110E	96.3E	8.75E	143 E	8.20E	8.09E	34.2 E	82.0E	105 E	180E	102 E	14
15	118E	110E	95.9E	28.2 E	144 E	8.18E	8.51E	36.0 E	81.6E	105 E	180E	106 E	15
16	118E	109E	96.3E	128 E	159 E	8.09E	8.30E	37.2 E	81.3E	105 E	182E	107 E	16
17	117E	108E	94.8E	143 E	161 E	8.04E	8.10E	34.9 E	80.8E	105 E	182E	119 E	17
18	117E	108E	94.1E	163 E	159 E	8.00E	8.15E	31.6 E	80.6E	106 E	184E	118 E	16
19	116E	107E	94.0E	112 E	154 E	8.01E	8.23E	32.1 E	80.2E	142 E	184E	118 E	19
20	116E	106E	93.0E	29.4 E	148 E	8.01E	8.23E	33.4 E	79.8E	163 E	184E	118 E	20
21	116E	106E	92.9E	7.58E	148 E	8.02E	8.41E	34.3 E	80.3E	163 E	184E	119 E	21
22	116E	106E	92.3E	7.27E	145 E	8.04E	8.42E	35.3 E	80.0E	164 E	186E	115 E	22
23	115E	106E	91.8E	7.27E	139 E	8.03E	8.49E	36.2 E	79.3E	164 E	186E	102 E	23
24	115E	105E	91.1E	7.36E	122 E	8.08E	8.63E	37.8 E	78.4E	164 E	186E	91.7E	24
25	114E	105E	91.3E	7.33E	100 E	8.02E	8.63E	39.1 E	78.7E	164 E	186E	91.8E	25
26	113E	104E	90.9E	7.35E	88.9 E	8.02E	8.71E	44.2 E	78.7E	163 E	186E	90.4E	26
27	113E	103E	91.7E	7.03E	88.6 E	8.09E	8.75E	52.7 E	78.7E	163 E	185E	89.6E	27
28	112E	102E	92.4E	7.96E	86.2 E	8.07E	8.78E	57.3 E	79.2E	164 E	186E	86.8E	28
29	112E	102E	93.2E	8.25E	86.0 E	11.6 E	8.08E	52.6 E	74.3E	163 E	163E	104 E	29
30	111E		94.6E	8.21E	85.8 E	19.0 E	8.44E	67.9 E	70.4E	163 E	163E	109 E	30
31	111E		96.7E		85.0 E		8.89E	70.7 E		163 E		113 E	31
TOTAL	3 871	3 142	2 982.6	1 837.08	3 174.09	823.13	336.80	976.35	2 408.6	3 885.8	4 857	3 726.9	TOTAL
MEAN	118	108	95.6	61.2	102	17.4	10.8	31.5	80.3	118	162	120	MEAN
MAX	128	112	102	163	161	82.7	18.9	70.7	85.0	164	186	164	MAX
MIN	111	102	90.9	6.75	8.69	5.87	5.75	7.38	70.4	70.8	158	89.6	MIN

SUMMARY FOR THE YEAR 1988

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 86.5
MAXIMUM DAILY, 186E ON NOV 22
MINIMUM DAILY, 5.75E ON JUL 28

TYPE OF GAUGE - MANUAL
LOCATION - LAT 46 07 33 N
LONG 80 01 10 W

E - ESTIMATED
REGULATED SINCE 1918

MONTHLY TOTAL DISCHARGE
IN CUBIC DECAMETRES

JAN	317 000	JUL	29 300
FEB	271 000	AUG	84 400
MAR	256 000	SEP	208 000
APR	159 000	OCT	316 000
MAY	274 000	NOV	320 000
JUN	69 200	DEC	322 000

TOTAL DISCHARGE, 2 700 000 dam³

REMARKS - DISCHARGES SUMMED WITH THOSE AT 02DD018, 02DD020, TO GIVE FLOW FOR "FRENCH RIVER AT LAKE NIPISSING" NO. 02DD007

FRENCH RIVER AT DRY PINE BAY - STATION NO. 02DD010

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1988

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	224	203	188	242	268	187	55.2	41.6	116	88.0	342	378	1
2	222	211	186	249	263	182	53.1	42.7	117	106	342	377	2
3	220	215	184	265	271	187	51.2	43.3	118	106	341	376	3
4	219	216	183	280	277	151	50.1	43.6	121	106	338	374	4
5	218	214	191	308	281	136	48.6	47.6	122	107	345	372	5
6	216	211	188	322	287	123	47.7	48.2	120	109	354	370	6
7	214	208	186	344	285	118	47.2	50.2	119	111	356	368	7
8	212	206	185	380	301	110	48.1	50.6	118	113	358	383	8
9	210	203	184	408	307	106	44.7	51.8	118	113	357	386	9
10	208	200	190	426	318	101	43.3	53.8	115	115	361	382	10
11	207	198	193	426	320	95.8	42.0	56.0	114	117	371	367	11
12	206	196	195	400	322	92.0	40.8	57.6	115	118	376	338A	12
13	204	197	194	348	328	89.3	39.5	58.1	116	121	376	335A	13
14	202	196	189	298	343	87.5	38.6	53.7	114	126	377	331A	14
15	201	195	189	267	358	85.9	38.2	54.8	112	130	378	323A	15
16	200	194	188	267	388	84.6	37.8	55.2	110	135	378	315A	16
17	197	192	187	284	373	83.0	38.7	57.1	109	139	378	311A	17
18	196	193	186	327	378	80.7	38.2	58.8	108	180	380	308A	18
19	196	195	185	364	378	78.9	38.3	70.0	112	183	380	308A	19
20	199	194	185	388	378	77.2	38.2	71.7	118	201	378	307A	20
21	197	195	183	335	373	75.1	38.2	73.4	115	227	376	308A	21
22	197	200	182	287	370	72.6	38.4	74.2	113	257	373	309	22
23	196	199	180	261	368	70.3	38.2	74.3	110	276	370	307	23
24	195	197	189	232	380	68.2	38.4	75.1	107	288	368	302	24
25	195	197	180	224	381	65.3	38.7	76.8	105	295	366	295	25
26	193	196	187	220	335	63.7	38.8	84.1	103	299	368	288	26
27	191	196	209	223	314	62.1	37.8	90.4	102	302	369	284	27
28	189	197	218	232	289	60.2	37.8	89.1	101	312	372	282	28
29	186	197	226	242	262	58.5	36.9	108	99.7	328	373	280	29
30	187		230	249	237	57.3	38.9	110	98.6	336	378	280	30
31	191		238		218		40.9	113		339		282	31
TOTAL	6 286	5 825	6 147	9 072	9 865	2 886.3	1 283.2	2 087.9	3 383.3	6 788.0	10 979	10 128	TOTAL
MEAN	203	201	198	302	318	96.5	41.4	67.7	112	188	388	327	MEAN
MAX	324	318	238	426	378	187	55.2	113	122	338	380	377	MAX
MIN	187	192	188	220	218	57.3	38.2	41.8	98.8	88.0	338	280	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 201
MAXIMUM DAILY, 426 ON APR 11
MINIMUM DAILY, 38.2 ON JUL 16
MAXIMUM INSTANTANEOUS,
428 AT 22:28 EST ON APR 16

SUMMARY FOR THE YEAR 1988

TYPE OF GAUGE - RECORDING
LOCATION - LAT 48 03 01 N
LONG 80 34 28 W
DRAINAGE AREA, 13 900 km²
A - MANUAL GAUGE

REGULATED

MONTHLY TOTAL DISCHARGE
IN CUBIC DECAMETRES

JAN	544 000	JUL	111 000
FEB	503 000	AUG	181 000
MAR	531 000	SEP	291 000
APR	784 000	OCT	498 000
MAY	852 000	NOV	949 000
JUN	250 000	DEC	875 000

TOTAL DISCHARGE, 6 370 000 dam³

FRENCH RIVER AT LAKE NIPISSING - STATION NO. 02DD007

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1988

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	204E	174E	181E	184 E	244E	148 E	50.3E	38.8E	106 E	81.2E	310E	344E	1
2	203E	177E	178E	148 E	253E	133 E	49.0E	39.8E	110 E	83.1E	310E	340E	2
3	201E	177E	176E	142 E	260E	110 E	48.5E	40.8E	114 E	85.6E	308E	339E	3
4	200E	176E	177E	151 E	263E	100 E	48.5E	41.5E	115 E	85.7E	315E	337E	4
5	198E	176E	178E	160 E	264E	88.8E	48.3E	42.9E	118 E	101 E	320E	340E	5
6	197E	176E	176E	188 E	268E	100 E	49.1E	44.0E	118 E	108 E	318E	342E	6
7	198E	176E	174E	237 E	282E	101 E	46.5E	46.0E	117 E	108 E	319E	320E	7
8	195E	174E	173E	278 E	283E	101 E	41.0E	47.0E	115 E	109 E	318E	327E	8
9	194E	174E	176E	296 E	285E	88.1E	40.0E	48.0E	115 E	115 E	320E	332E	9
10	193E	172E	183E	282 E	281E	85.7E	39.5E	49.0E	114 E	148 E	318E	321E	10
11	193E	172E	185E	214 E	282E	85.5E	38.5E	51.0E	114 E	112 E	321E	314E	11
12	190E	172E	185E	137 E	281E	85.2E	37.5E	53.5E	111 E	121 E	321E	312E	12
13	188E	172E	185E	96.1E	304E	84.5E	36.5E	56.0E	108 E	128 E	322E	305E	13
14	187E	172E	184E	103 E	338E	85.0E	36.8E	57.5E	106 E	132 E	322E	286E	14
15	187E	171E	183E	128 E	338E	84.2E	35.0E	60.0E	108 E	132 E	324E	286E	15
16	188E	170E	183E	282 E	354E	81.1E	34.6E	62.0E	107 E	132 E	327E	288E	16
17	185E	178E	182E	326 E	367E	77.2E	34.5E	63.5E	113 E	132 E	326E	287E	17
18	184E	183E	181E	348 E	385E	76.4E	34.5E	65.0E	116 E	134 E	329E	284E	18
19	183E	182E	180E	301 E	348E	75.9E	34.5E	66.0E	110 E	173 E	330E	282E	19
20	183E	180E	178E	189 E	340E	71.6E	34.4E	67.5E	104 E	221 E	328E	281E	20
21	183E	180E	177E	142 E	340E	67.9E	34.5E	68.5E	105 E	280 E	329E	282E	21
22	182E	180E	176E	147 E	338E	66.9E	34.6E	70.0E	103 E	267 E	331E	288E	22
23	181E	180E	175E	157 E	332E	63.4E	34.7E	71.0E	101 E	267 E	330E	272E	23
24	181E	182E	173E	185 E	314E	56.7E	34.8E	72.0E	101 E	267 E	331E	261E	24
25	180E	187E	173E	174 E	282E	59.0E	34.9E	73.0E	100 E	267 E	336E	260E	25
26	178E	185E	174E	191 E	284E	59.4E	35.0E	74.0E	99.9E	266 E	342E	268E	26
27	177E	184E	178E	211 E	231E	59.7E	35.3E	80.0E	99.5E	280 E	340E	266E	27
28	176E	182E	177E	217 E	200E	56.8E	35.6E	85.0E	99.8E	310 E	340E	260E	28
29	175E	181E	181E	224 E	184E	53.7E	36.6E	82.0E	99.1E	314 E	341E	258E	29
30	174E		146E	233 E	167E	48.1E	37.2E	89.0E	91.0E	313 E	343E	272E	30
31	174E		150E		153E		38.0E	103 E		311 E		273E	31
TOTAL	5 807	5 142	5 456	6 013.1	8 870	2 477.2	1 210.8	1 926.3	3 238.4	5 550.6	9 788	9 288	TOTAL
MEAN	187	177	176	200	286	82.6	39.1	62.1	108	179	326	299	MEAN
MAX	204	187	185	348	367	148	50.3	103	118	314	343	344	MAX
MIN	174	170	146	88.1	152	48.1	34.4	38.8	91.0	91.2	306	285	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 177
MAXIMUM DAILY, 367E ON MAY 17
MINIMUM DAILY, 34.4E ON JUL 30

SUMMARY FOR THE YEAR 1988

TYPE OF GAUGE -
LOCATION - LAT N
LONG W
DRAINAGE AREA, 12 300 km²

E - ESTIMATED
REGULATED SINCE 1916

MONTHLY TOTAL DISCHARGE
IN CUBIC DECAMETRES

JAN	502 000	JUL	105 000
FEB	444 000	AUG	185 000
MAR	471 000	SEP	280 000
APR	530 000	OCT	480 000
MAY	766 000	NOV	844 000
JUN	214 000	DEC	801 000

TOTAL DISCHARGE, 5 580 000 dam³

REMARKS - DISCHARGE OBTAINED BY TOTALLING DISCHARGES AT STATIONS 02DD010, 02DD017, 02DD020

FRENCH RIVER AT PORTAGE DAM - STATION NO. 02DD016

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1988

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	85.6E	55.0E	72.1E	47.3E	208 E	40.6 E	7.32E	8.22E	9.59E	1.91E	128E	157E	1
2	85.2E	55.1E	71.8E	48.9E	203 E	40.0 E	7.01E	9.84E	10.1 E	1.96E	128E	155E	2
3	84.7E	55.1E	71.5E	51.5E	206 E	40.0 E	6.95E	10.3 E	10.6 E	1.95E	125E	155E	3
4	84.3E	55.1E	70.8E	55.0E	205 E	40.1 E	6.98E	10.7 E	10.9 E	1.95E	132E	154E	4
5	83.8E	55.0E	70.2E	59.1E	185 E	40.0 E	6.95E	12.3 E	11.1 E	1.95E	138E	153E	5
6	82.8E	54.7E	69.9E	59.8E	186 E	40.4 E	6.92E	13.8 E	11.0 E	1.98E	137E	151E	6
7	82.4E	54.7E	69.9E	58.5E	188 E	40.6 E	6.14E	15.0 E	11.0 E	1.95E	137E	150E	7
8	82.1E	54.8E	69.2E	134 E	188 E	40.6 E	6.05E	14.0 E	10.9 E	1.95E	137E	149E	8
9	81.8E	54.5E	72.1E	144 E	189 E	46.6 E	6.61E	9.51E	10.9 E	1.95E	137E	158E	9
10	81.2E	54.2E	79.4E	180 E	185 E	53.6 E	4.63E	1.21E	10.9 E	1.95E	137E	144E	10
11	80.9E	53.8E	82.6E	185 E	185 E	53.2 E	4.48E	1.19E	10.8 E	3.83E	138E	137E	11
12	80.5E	54.1E	82.0E	113 E	185 E	53.0 E	4.22E	1.39E	7.92E	8.24E	138E	138E	12
13	80.0E	54.1E	82.1E	78.4E	186 E	52.4 E	3.83E	1.49E	5.41E	8.04E	138E	138E	13
14	89.6E	53.6E	82.1E	78.8E	187 E	52.8 E	3.75E	1.56E	5.18E	8.02E	139E	139E	14
15	89.6E	53.6E	81.4E	85.3E	188 E	52.6 E	3.47E	1.70E	5.18E	8.05E	140E	124E	15
16	89.9E	53.3E	81.7E	114 E	188 E	49.6 E	3.38E	1.75E	5.06E	8.11E	141E	123E	16
17	88.7E	80.0E	81.8E	142 E	187 E	45.8 E	3.45E	5.82E	12.0 E	8.17E	140E	122E	17
18	88.6E	87.0E	81.1E	164 E	187 E	46.3 E	3.50E	10.2 E	15.1 E	8.67E	141E	121E	18
19	88.3E	87.0E	80.2E	167 E	187 E	45.2 E	3.49E	10.3 E	9.38E	7.20E	141E	120E	19
20	88.2E	87.0E	80.0E	137 E	188 E	41.0 E	3.25E	10.6 E	4.80E	33.8 E	141E	119E	20
21	87.8E	86.8E	78.9E	112 E	188 E	37.1 E	3.31E	10.9 E	4.89E	73.1 E	141E	118E	21
22	87.4E	86.6E	78.1E	117 E	185 E	36.2 E	3.33E	11.2 E	3.28E	78.7 E	141E	118E	22
23	87.3E	86.3E	78.0E	128 E	185 E	33.1 E	3.38E	11.6 E	2.05E	78.8 E	140E	117E	23
24	87.2E	70.2E	78.6E	133 E	185 E	28.6 E	3.40E	11.1 E	1.98E	78.9 E	141E	117E	24
25	87.1E	74.7E	78.8E	141 E	185 E	28.8 E	3.42E	10.7 E	1.88E	78.9 E	147E	116E	25
26	86.3E	74.2E	77.0E	158 E	139 E	29.5 E	3.47E	9.80E	1.83E	78.9 E	153E	116E	26
27	85.6E	73.7E	77.4E	178 E	116 E	29.0 E	5.75E	4.04E	1.83E	103 E	152E	115E	27
28	85.6E	73.1E	78.1E	182 E	87.8E	28.6 E	7.31E	4.38E	1.83E	122 E	152E	114E	28
29	84.8E	72.6E	80.9E	188 E	77.9E	27.8 E	7.71E	6.40E	1.83E	127 E	155E	113E	29
30	84.8E		46.0E	187 E	55.1E	2.04E	8.06E	8.80E	1.91E	127 E	157E	113E	30
31	84.6E		48.0E		40.0E		8.81E	9.20E		126 E		112E	31
TOTAL	1 845.3	1 788.4	2 303.7	3 617.6	4 841.6	1 183.68	157.61	248.72	211.83	1 179.93	4 211	4 087	TOTAL
MEAN	59.5	61.0	74.3	121	156	39.6	5.08	8.02	7.05	38.1	140	132	MEAN
MAX	85.6	74.7	82.6	197	208	53.6	8.81	15.0	15.1	127	157	181	MAX
MIN	54.6	53.3	44.0	47.3	40.0	2.04	3.25	1.19	1.91	1.91	126	112	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 70.2
MAXIMUM DAILY, 208E ON MAY 1
MINIMUM DAILY, 1.19E ON AUG 11

SUMMARY FOR THE YEAR 1988

TYPE OF GAUGE - MANUAL
LOCATION - LAT 46 07 22 N
LONG 80 00 48 W

E - ESTIMATED
REGULATED SINCE 1949

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	159 000	JUL	13 600
FEB	153 000	AUG	21 500
MAR	199 000	SEP	18 300
APR	313 000	OCT	102 000
MAY	418 000	NOV	364 000
JUN	103 000	DEC	354 000

TOTAL DISCHARGE, 2 220 000 dam³

REMARKS - DISCHARGES SUMMED WITH THOSE AT 02DD017 AND 02DD020, TO GIVE FLOW FOR "FRENCH RIVER AT LAKE NIPISSING" NO. 02DD007

GANARASKA RIVER ABOVE DALE - STATION NO. 02HD012

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1988

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	2.27B	12.3 B	3.84B	4.26	3.07	1.71	1.49	1.48	1.54	1.74E	2.07	2.24	1
2	2.20B	3.70B	3.88B	4.33E	2.76	1.68	1.44	1.48	1.48	1.80E	2.06	2.23	2
3	2.15B	3.20B	3.90B	7.06	2.67	1.68	1.41	1.39	1.48	2.40E	2.06	2.20	3
4	2.10B	3.05B	4.08B	9.48	2.40	1.66	1.37	1.29	2.56	2.28E	2.03	2.10B	4
5	2.05B	2.85B	4.44B	8.84	2.43	1.69	1.42	1.28	2.71	2.30	2.83	2.12	5
6	2.00B	2.85B	5.51B	4.83	2.37	1.62	1.35	1.22	1.97	1.96	6.79	2.16	6
7	1.97B	2.80B	6.34B	4.74	2.31	1.67	1.31	1.23	1.88	1.84	3.23	2.19	7
8	1.94B	2.75B	7.18B	4.36	2.16	1.68	1.22	1.25	1.87	1.80	3.03	2.07	8
9	1.90B	2.71B	8.39B	3.87	2.32	1.65	1.15	1.30	1.56	1.76	3.29	1.88B	9
10	1.87B	2.67B	10.5 B	3.29	2.89	1.64	1.16	1.28	1.98	2.04	3.14	1.75B	10
11	1.85B	2.66B	8.20B	3.96	2.27	1.62	1.24	1.25	1.48	2.73	2.98	1.80B	11
12	1.82B	2.65B	4.31B	2.80	2.12	1.41	1.42	1.29	1.46	2.06	2.58	1.85B	12
13	1.79B	2.64B	3.18B	3.03	2.20	1.35	1.35	1.24	1.73	1.90	4.44	1.70B	13
14	1.78B	2.63B	2.81B	3.56	2.25	1.35	1.30	1.21	1.63	1.86	4.47	1.78B	14
15	1.77B	3.00B	2.31B	4.83E	2.16	1.33	1.27	1.43	1.52	1.88	2.96	1.85B	15
16	1.75B	6.00B	2.46B	3.11E	2.98	1.24	1.32	1.32	1.43	2.15	2.72	2.00B	16
17	1.75B	7.00B	2.51B	3.00E	3.46	1.27	1.80	1.42	1.77	1.96	3.06	2.10B	17
18	6.00B	6.52B	2.42B	3.22	2.77	1.23	1.54	1.53	1.83	2.83	2.84	2.24B	18
19	4.00B	6.15B	2.34B	2.80	2.75	1.24	1.42	1.31	1.82	2.85	2.49	2.38B	19
20	11.0 B	6.56B	2.12B	2.82	3.73	1.29	1.36	1.24	2.19	2.19	2.72	2.80B	20
21	4.30B	6.03B	2.03B	3.21	3.20	1.33	1.36	1.24	2.16E	2.08	4.01	2.90B	21
22	3.60B	6.26B	2.21B	2.87	2.63	2.33	1.47	1.26	1.61E	3.04	2.81	2.30B	22
23	3.50B	11.3 B	4.78B	2.75	2.40	2.93	1.43	1.33	3.51E	2.89	2.88	3.00B	23
24	3.30B	9.48B	28.4 B	3.81	2.16	1.81	1.82	1.75	2.80E	2.68	2.49	3.50B	24
25	3.15B	8.67B	22.8	3.71	2.16	1.67	1.85	2.00	1.92E	3.28	2.43	3.07B	25
26	3.05B	8.37B	42.0 B	2.60	2.16	1.83	1.88	2.53	1.82E	2.80	2.41	2.80B	26
27	2.95B	8.85B	14.2	2.96	2.03	1.67	2.03	2.10	1.84E	2.23	2.44	5.00B	27
28	2.90B	4.56B	4.13B	3.26	1.97	1.62	1.70	1.89	2.00E	2.53	2.40	14.5 B	28
29	2.46B	3.99B	4.78B	4.49	1.83	1.66	1.63	1.82	1.87E	2.43	2.31	4.80B	29
30	7.00B		7.25	4.19	1.82	1.63	1.45	1.69	1.78E	2.19	2.25	3.50B	30
31	16.5 B		5.00		1.73		1.51	1.82		2.07		3.28B	31
TOTAL	109.27	153.33	225.86	118.08	75.82	47.97	44.98	45.67	56.34	70.03	89.74	89.28	TOTAL
MEAN	3.52	5.29	7.28	3.87	2.44	1.60	1.45	1.47	1.88	2.28	2.99	2.88	MEAN
MAX	16.5	12.3	42.0	9.48	3.73	2.93	2.03	2.53	3.51	3.28	6.79	14.5	MAX
MIN	1.75	2.63	2.03	2.71	1.73	1.23	1.15	1.21	1.43	1.74	2.03	1.80	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 3.08
MAXIMUM DAILY, 42.0B ON MAR 26
MINIMUM DAILY, 1.15 ON JUL 9

SUMMARY FOR THE YEAR 1988

TYPE OF GAUGE - RECORDING
LOCATION - LAT 43 59 36 N
LONG 78 19 43 W
DRAINAGE AREA, 233 km²

B - ICE CONDITIONS
E - ESTIMATED
NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	9 440	JUL	3 880
FEB	13 200	AUG	3 850
MAR	19 500	SEP	4 470
APR	10 000	OCT	6 050
MAY	8 530	NOV	7 480
JUN	4 140	DEC	7 710

TOTAL DISCHARGE, 98 800 dam³

GANARASKA RIVER NEAR OSACA - STATION NO. 02HD003

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1984

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	0.8100	3.50 B	0.8880	1.78	1.18	0.781	0.662	0.637	0.549	0.884	0.887	0.928	1
2	0.7900	1.50 B	0.8800	1.69	1.08	0.748	0.644	0.627	0.543	0.811	0.881	0.924	2
3	0.7658	1.15 B	0.8628	2.68	1.05	0.843	0.640	0.604	0.543	0.928	0.870	0.920	3
4	0.7508	1.05 B	0.8708	2.95	0.995	0.818	0.627	0.587	1.18	0.782	0.883	0.899	4
5	0.7258	1.00 B	0.9008	1.99	0.975	0.767	0.812	0.570	1.18	0.898	1.39	0.895	5
6	0.7108	0.9708	0.9508	1.79	0.883	0.735	0.803	0.552	0.733	0.782	2.32	0.910	6
7	0.8908	0.9508	1.05 B	1.71	0.907	0.783	0.588	0.546	0.697	0.725	1.33	0.934	7
8	0.8608	0.9308	1.23 B	1.58	0.884	0.728	0.566	0.584	0.686	0.722	1.33	0.898	8
9	0.8708	0.9268	1.27 B	1.37	0.879	0.718	0.517	0.573	0.671	0.739	1.35	0.8388	9
10	0.8608	0.9188	1.78 B	1.28	1.05	0.684	0.823	0.580	0.641	1.02	1.33	0.8188	10
11	0.8508	0.9108	1.38 B	1.21	0.937	0.656	0.883	0.549	0.644	1.12	1.18	0.8008	11
12	0.8468	0.9068	1.24 B	1.17	0.901	0.635	0.824	0.587	0.581	0.847	1.02	0.7848	12
13	0.8428	0.9018	1.05 B	1.20	0.934	0.603	0.587	0.575	0.887	0.780	1.87	0.8958	13
14	0.8408	0.8988	0.9808	1.53	0.815	0.602	0.583	0.365	0.584	0.774	1.53	0.8408	14
15	0.8358	0.8948	0.8838	2.03	0.875	0.804	0.563	0.431	0.548	0.784	1.14	0.8908	15
16	0.8308	3.80 B	0.9008	1.32	1.87	0.880	0.580	0.400	0.852	0.880	1.14	0.8508	16
17	0.7008	3.00 B	0.9308	1.20	1.44	0.888	0.678	0.480	0.725	0.803	1.28	0.8408	17
18	3.20 B	2.30 B	0.8908	1.33	1.14	0.804	0.633	0.488	0.678	1.45	1.09	0.7708	18
19	1.80 B	1.85 B	0.8308	1.17	1.18	0.805	0.614	0.437	0.638	1.06	1.02	0.8358	19
20	4.00 B	4.00 B	0.8008	1.14	1.70	0.803	0.588	0.423	0.888	0.917	1.13	0.8008	20
21	1.50 B	2.85 B	0.7888	1.38	1.28	0.594	0.596	0.378	0.775	0.806	1.47	0.8208	21
22	1.22 B	3.40 B	0.8008	1.16	1.03	1.19	0.832	0.378	0.673	1.48	1.10	0.8008	22
23	1.16 B	4.20 B	1.89 B	1.07	0.952	1.36	0.807	0.404	1.24	1.14	1.04	1.20 B	23
24	1.12 B	3.80 B	7.47 B	1.08	0.886	0.783	0.896	0.574	0.779	1.37	1.01	1.36 B	24
25	1.07 B	3.00 B	7.35 B	1.07	0.857	0.720	0.853	0.722	1.700	1.48	0.987	1.04 B	25
26	1.04 B	1.25 B	11.4 B	1.21	0.890	0.704	1.00	1.01	0.852	1.06	0.868	0.8808	26
27	1.03 B	1.05 B	3.50	1.25	0.838	0.684	0.852	0.786	0.850	0.855	1.00	1.07 B	27
28	1.02 B	0.9108	1.81	1.48	0.801	0.672	0.725	0.681	0.783	1.14	0.983	5.40 B	28
29	1.00 B	0.8808	2.15	1.78	0.781	0.676	0.656	0.649	0.656	1.03	0.941	1.10 B	29
30	1.40 B		2.71	1.48	0.760	0.672	0.684	0.572	0.671	0.910	0.814	0.8388	30
31	8.00 B		1.81		0.741		0.669	E.529		0.888		0.8428	31
TOTAL	38.182	61.398	82.340	48.01	31.792	21.857	19.759	17.272	21.036	29.903	35.384	31.088	TOTAL
MEAN	1.26	1.77	2.01	1.50	1.03	0.718	0.637	0.557	0.701	0.965	1.18	1.00	MEAN
MAX	8.00	4.20	11.4	2.95	1.70	1.28	1.00	1.01	1.24	1.48	2.32	5.40	MAX
MIN	0.830	0.880	0.788	1.07	0.741	0.588	0.517	0.365	0.541	0.884	E.870	0.542	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 1.11
MAXIMUM DAILY, 11.40 ON MAR 26
MINIMUM DAILY, 0.365 ON AUG 14

SUMMARY FOR THE YEAR 1984

TYPE OF GAUGE - RECORDING
LOCATION - LAT 44 00 55 N
LONG 78 26 17 W
DRAINAGE AREA, 87.3 km²

B - ICE CONDITIONS

REGULATED

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	3 380	JUL	1 710
FEB	4 430	AUG	1 490
MAR	6 380	SEP	1 820
APR	3 880	OCT	2 580
MAY	2 750	NOV	3 060
JUN	1 880	DEC	2 690

TOTAL DISCHARGE, 35 100 dam³

SPRING DRAIN AT CONCESSION #13 (PITTOCK TEST) - STATION NO. 02ED025

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1984

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	---	---	---	---	---	---	---	---	---	0	0.001	0.012	1
2	---	---	---	---	---	---	---	---	---	0	0.001	0.012	2
3	---	---	---	---	---	---	---	---	---	0	0	0.006	3
4	---	---	---	---	---	---	---	---	---	0	0	0.006	4
5	---	---	---	---	---	---	---	---	---	0	0.008	0.006	5
6	---	---	---	---	---	---	---	---	---	0	0.015	0.005	6
7	---	---	---	---	---	---	---	---	---	0	0.017	0.004	7
8	---	---	---	---	---	---	---	---	---	0	0.022	0.003	8
9	---	---	---	---	---	---	---	---	---	0	0.022	0.003	9
10	---	---	---	---	---	---	---	---	---	0.NOTE	0.084	0.0028	10
11	---	---	---	---	---	---	---	---	---	0.002A	0.036	0.0028	11
12	---	---	---	---	---	---	---	---	---	0A	0.023	0.0028	12
13	---	---	---	---	---	---	---	---	---	0	0.144	0.0028	13
14	---	---	---	---	---	---	---	---	---	0	0.083	0.002	14
15	---	---	---	---	---	---	---	---	---	0	0.043	0.0028	15
16	---	---	---	---	---	---	---	---	---	0	0.032	0.001	16
17	---	---	---	---	---	---	---	---	---	0	0.025	0.001	17
18	---	---	---	---	---	---	---	---	---	0	0.017	0.001	18
19	---	---	---	---	---	---	---	---	---	0.003	0.014	0.001	19
20	---	---	---	---	---	---	---	---	---	0.001	0.058	0.011	20
21	---	---	---	---	---	---	---	---	---	0	0.113	0.008	21
22	---	---	---	---	---	---	---	---	---	0	0.061	0.004	22
23	---	---	---	---	---	---	---	---	---	0A	0.043	0.024	23
24	---	---	---	---	---	---	---	---	---	0	0.029	0.019	24
25	---	---	---	---	---	---	---	---	---	0	0.023	0.012	25
26	---	---	---	---	---	---	---	---	---	0.002	0.021	0.007	26
27	---	---	---	---	---	---	---	---	---	0.001	0.023	0.083	27
28	---	---	---	---	---	---	---	---	---	0.001	0.020	0.220	28
29	---	---	---	---	---	---	---	---	---	0.001	0.014	0.078	29
30	---		---	---	---	---	---	---	---	0.001	0.017	0.043	30
31	---		---		---		---	---		0.001		0.031	31
TOTAL	---	---	---	---	---	---	---	---	---	E.015	0.578	0.515	TOTAL
MEAN	---	---	---	---	---	---	---	---	---	E.001	0.033	0.020	MEAN
MAX	---	---	---	---	---	---	---	---	---	0.006	0.144	0.220	MAX
MIN	---	---	---	---	---	---	---	---	---	0	0	0.001	MIN

SUMMARY FOR THE YEAR 1984

TYPE OF GAUGE - RECORDING
LOCATION - LAT 43 17 05 N
LONG 80 49 15 W
DRAINAGE AREA, 3.51 km²
A - MANUAL GAUGE
B - ICE CONDITIONS
E - ESTIMATED
NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	---	JUL	---
FEB	---	AUG	---
MAR	---	SEP	---
APR	---	OCT	1.84
MAY	---	NOV	84.6
JUN	---	DEC	53.1

REMARKS - STATION ACTIVATED AUG 1984

GOULAIS RIVER NEAR SEARCHMONT - STATION NO. 02EF002

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1988

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	10.9 B	7.20B	5.48B	28.0B	75.7	13.0	2.76	1.35	17.0	18.0	34.3	65.4	1
2	10.7 B	7.20B	5.45B	31.0B	75.7	12.2	2.64	1.28	15.0	23.4	32.2	57.3	2
3	10.5 B	7.20B	5.42B	36.0B	72.8	11.2	2.46	1.47	13.5	22.4	29.5	48.5	3
4	10.3 B	7.15B	5.41B	48.0B	64.3	10.2	2.34	2.21	14.6	25.5	28.8	43.2	4
5	10.1 B	7.10B	5.40B	80.0B	62.8	9.35	2.27	4.05	16.4	32.6	73.6	38.3	5
6	10.0 B	7.05B	5.38B	180	57.1	8.52	2.14	5.29	17.8	31.9	159	34.2	6
7	9.90B	7.02B	5.36B	194	50.6	8.26	2.03	5.67	17.1	29.9	132	31.3	7
8	9.70B	7.00B	5.33B	182	45.5	8.17	1.91	5.18	16.9	27.3	102	28.7	8
9	9.50B	6.80B	5.28B	158	41.6	7.70	1.88	6.48	14.6	25.0	85.1	23.1E	9
10	9.40B	6.80B	5.22B	142	40.3	7.03	2.19	5.09	13.3	25.6	74.7	22.0B	10
11	9.30B	6.70B	5.20B	136	36.2	6.40	2.36	5.34	11.7	28.2	67.7	20.6B	11
12	9.10B	6.56B	5.18B	129	33.2	5.90	2.14	6.27	11.2	27.2	58.7	20.6B	12
13	9.00B	6.45B	5.12B	130	30.7	5.42	2.06	13.4	14.4	25.2	54.2	20.9B	13
14	8.90B	6.30B	5.07B	125	28.6	5.07	2.31	27.3	14.2	23.6	51.6	20.6B	14
15	8.70B	6.13B	5.02B	108	40.1	4.66	2.11	36.2	12.9	22.1	48.1	20.2B	15
16	8.60B	6.00B	5.00B	92.4	39.3	4.38	2.28	36.6	11.9	21.4	47.5	19.8B	16
17	8.50B	5.93B	4.96B	81.6	35.5	4.18	2.08	40.3	11.3	35.3	89.0	18.8B	17
18	8.40B	5.87B	4.90B	83.9	32.2	3.88	1.83	40.3	11.1	45.8	75.3	17.9B	18
19	8.20B	5.80B	4.82B	81.7	29.5	3.81	1.77	34.2	10.8	44.7	64.1	17.3B	19
20	8.10B	5.78B	4.76B	71.7	27.8	3.88	1.61	28.3	15.6	40.2	56.9	17.4B	20
21	8.00B	5.70B	4.70B	63.5	27.8	3.50	1.91	23.7	17.8	35.3	50.8	18.5B	21
22	7.90B	5.85B	4.85B	57.7	25.2	3.46	2.58	20.0	16.3	34.6	45.1	18.0B	22
23	7.80B	5.82B	4.60B	55.8	24.0	3.39	2.37	17.2	16.4	32.2	40.6	17.5B	23
24	7.70B	5.58B	4.82B	53.8	21.6	3.46	2.01	15.2	15.6	30.8	36.8	17.5B	24
25	7.60B	5.57B	4.70B	53.6	19.5	4.91	1.75	14.5	14.1	30.1	34.6	17.4B	25
26	7.50B	5.55B	4.80B	55.5	18.0	5.06	1.67	13.8	13.4	28.9	36.6	17.7B	26
27	7.45B	5.53B	5.20B	59.5	17.3	4.10	1.80	14.1	15.8	28.3	104	17.0B	27
28	7.35B	5.62B	7.80B	80.1	17.2	3.57	1.46	25.4	15.9	38.5	120	16.3B	28
29	7.25B	5.50B	13.0 B	65.4	16.2	3.21	1.40	24.0	17.0	43.5	92.1	15.8B	29
30	7.20B		15.3 B	74.7	15.0	2.96	1.48	22.1	16.7	39.7	76.6	15.3B	30
31	7.20B		25.2 B		13.8		1.39	19.2		36.9		15.0B	31
TOTAL	270.75	182.33	188.48	2 718.9	1 190.6	180.93	82.84	517.48	440.8	955.1	2 022.9	773.9	TOTAL
MEAN	8.73	6.28	6.40	90.6	37.4	6.03	2.03	16.7	14.7	30.8	67.4	25.0	MEAN
MAX	10.9	7.20	25.2	194	75.7	13.0	2.76	40.3	17.8	45.8	159	65.4	MAX
MIN	7.20	5.50	4.80	28.0	13.8	2.96	1.39	1.28	10.6	18.0	28.8	15.0	MIN

SUMMARY FOR THE YEAR 1988

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 25.9
MAXIMUM DAILY, 194 ON APR 7
MINIMUM DAILY, 1.28 ON AUG 2
MAXIMUM INSTANTANEOUS,
303 AT 16:23 EST ON APR 7

TYPE OF GAUGE - RECORDING
LOCATION - LAT 46 51 37 N
LONG 83 58 18 W
DRAINAGE AREA, 1 180 km²

B - ICE CONDITIONS
E - ESTIMATED
NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	23 400	JUL	5 440
FEB	15 800	AUG	44 700
MAR	17 100	SEP	38 100
APR	235 000	OCT	82 500
MAY	100 000	NOV	175 000
JUN	15 500	DEC	66 900

TOTAL DISCHARGE, 820 000 dam³

GRAHAM CREEK AT NEPEAN - STATION NO. 02KF015

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1988

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	---	---	---	0.537	B.507	0.052	0.125	B.116	0.070	0.048	0.257	0.161	1
2	---	---	---	0.441	B.377	0.050	0.080	0.098	0.062	0.285	0.531	0.142	2
3	---	---	---	0.718	B.306	0.048	0.059	0.085	0.055	0.116	0.563	0.136	3
4	---	---	---	1.23	0.250	0.050	0.050	0.281	0.105	0.063	0.409	0.146	4
5	---	---	---	0.821	B.223	0.043	0.049	0.143	0.115	0.124	0.918	0.1408	5
6	---	---	---	0.835	0.209	0.046	0.047	0.124	0.059	0.092	1.40	0.114	6
7	---	---	---	0.548	0.175	0.040	0.045	0.108	0.060	0.082	0.906	0.113	7
8	---	---	---	0.626	0.157	0.038	0.045	0.095	0.053	0.085	0.669	0.102	8
9	---	---	---	0.770	0.148	0.038	0.044	0.094	0.048	0.088	0.626	0.1128	9
10	---	---	---	0.525	0.122	0.040	0.043	0.085	0.080	0.116	0.825	0.1128	10
11	---	---	---	0.404	0.123	0.038	0.071	0.081	0.063	0.119	0.548	0.1108	11
12	---	---	---	0.326	0.118	0.043	0.046	0.075	0.061	0.108	0.452	0.1108	12
13	---	---	---	0.284	0.107	0.038	0.044	0.068	0.055	0.093	0.428	0.1088	13
14	---	---	0.083A	0.312	0.114	0.037	0.127	0.061	0.118	0.083	0.384	0.1088	14
15	---	---	0.087	0.406	0.110	0.048	0.063	0.065	0.064	0.093	0.331	0.1008	15
16	---	---	0.141	0.381	0.158	0.034	0.063	0.058	0.050	0.087	0.289	0.0928	16
17	---	---	0.183	0.312	0.119	0.035	0.042	0.054	0.126	0.096	0.276	0.0888	17
18	---	---	0.149	0.270	0.105	0.033	0.044	0.050	0.082	0.117	0.359	0.0788	18
19	---	---	0.125	0.223	0.108	0.034	0.043	0.057	0.049	0.090	0.280	0.0748	19
20	---	---	0.1028	0.196	0.177	0.036	0.044	0.087	0.120	0.083	0.227	0.0708	20
21	---	---	0.0828	0.191	0.150	0.037	0.044	0.124	0.063	0.078	0.234	---	21
22	---	---	0.0828	0.175	0.130	0.231	0.043	0.068	0.050	0.170	0.181	---	22
23	---	---	0.1028	0.188	0.123	0.047	0.045	0.067	0.102	0.398	0.184	---	23
24	---	---	0.4268	0.203	0.103	0.838	0.218	0.389	0.059	0.822	0.178	---	24
25	---	---	0.948	0.186	0.086	0.333	0.238	0.317	0.078	0.848	0.160	---	25
26	---	---	2.51	0.186	0.078	0.117	0.200	0.127	0.059	0.606	0.152	---	26
27	---	---	1.53	0.160	0.074	0.081	0.353	0.085	0.068	0.451	0.150	---	27
28	---	---	0.900	0.395	0.069	0.107	0.234	0.155	0.058	0.469	0.208	---	28
29	---	---	0.670	1.12	0.069	0.074	0.181	0.108	0.051	0.487	0.180	---	29
30	---	---	0.663	0.776	0.067	0.186	0.158	0.102	0.048	0.341	0.170	---	30
31	---	---	0.651		0.056		0.136	0.067		0.288		---	31
TOTAL	---	---	---	13.618	4.736	2.982	2.982	3.467	2.112	7.084	11.882	---	TOTAL
MEAN	---	---	---	0.451	B.153	0.099	0.096	0.112	0.070	0.229	0.396	---	MEAN
MAX	---	---	---	1.23	B.507	0.332	0.353	0.389	0.126	0.848	1.40	---	MAX
MIN	---	---	---	0.160	0.056	0.033	0.042	0.047	0.048	0.048	0.150	---	MIN

SUMMARY FOR THE YEAR 1988

DISCHARGES IN CUBIC METRES PER SECOND

MAXIMUM DAILY, 2.51 ON MAR 26
MINIMUM DAILY, 0.033 ON JUN 18
MAXIMUM INSTANTANEOUS,
5.21E AT 18:49 EST ON SEP 17

TYPE OF GAUGE - RECORDING
LOCATION - LAT 45 20 33 N
LONG 75 48 30 W
DRAINAGE AREA, 36.5 km²
A - MANUAL GAUGE
B - ICE CONDITIONS
E - ESTIMATED
NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	---	JUL	258
FEB	---	AUG	300
MAR	---	SEP	182
APR	1 170	OCT	613
MAY	409	NOV	1 030
JUN	178	DEC	---

REMARKS - SEASONAL OPERATION (APR 01-DEC 15)

GRAND RIVER AT BRANTFORD - STATION NO. 02GB001

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1988

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	73.0B	175 B	36.0B	140	43.0	32.0	17.4	48.5	17.2	20.1	32.5	59.5	1
2	57.0B	206	37.0B	110	38.8	31.5	17.0	36.7	16.6	23.1	30.2	55.6	2
3	49.0B	148	37.0B	88.7	37.4	32.3	16.8	27.7	34.2	30.7	29.1	53.8	3
4	42.0B	119	37.0B	234	35.8	32.7	16.5	24.0	41.0	24.2	28.0	50.4	4
5	37.0B	89.0B	34.0B	312	33.8	31.5	16.8	22.1	41.2	22.8	30.2	46.3	5
6	36.0B	56.0B	34.0B	268	32.2	30.8	16.4	25.0	31.5	21.8	44.7	44.6	6
7	35.0B	37.0B	36.0B	175	31.0	30.8	16.5	31.8	28.1	21.3	52.6	38.6	7
8	34.0B	35.0B	46.0B	114	29.4	30.8	16.1	30.3	33.1	20.9	58.3	41.6	8
9	33.0B	35.0B	89.0B	85.6	29.7	30.8	16.7	19.5	31.2	19.9	55.8	38.9	9
10	32.0B	34.0B	140 B	80.0	33.5	30.5	16.5	20.1	19.9	20.7	79.8	31.3	10
11	32.0B	34.0B	188 B	87.1	34.3	30.5	17.7	19.8	18.0	31.3	84.5	24.3	11
12	31.0B	35.0B	183	83.8	32.8	30.3	24.1	31.5	18.3	29.2	89.7	18.3	12
13	31.0B	37.0B	118	47.3	32.5	19.5	18.8	38.1	18.7	30.1	85.9	24.8	13
14	30.0B	38.0B	91.2	45.4	31.7	18.4	17.7	23.7	19.3	37.4	102	30.0B	14
15	30.0B	46.0B	86.1	48.5	31.4	18.0	17.0	22.5	18.2	34.8	118	33.0B	15
16	30.0B	53.0B	55.4	46.4	54.8	19.1	16.9	20.9	17.8	23.9	86.5	28.0	16
17	32.0B	57.0B	47.9	44.2	52.1	19.1	33.9	19.5	20.8	21.9	85.7	24.7	17
18	38.0B	56.0B	46.3	46.0	50.1	18.7	28.6	18.7	21.8	35.1	76.3	28.8	18
19	49.0B	57.0B	47.8	44.1	46.7	18.2	21.1	17.8	21.1	38.9	74.7	28.3	19
20	88.0B	52.0B	43.1	41.9	42.7	18.0	19.0	17.5	22.5	31.6	78.2	30.5	20
21	69.0B	49.0B	39.0	43.4	42.8	18.2	18.1	18.8	21.7	30.1	102	35.5	21
22	72.0B	48.0B	38.2	44.0	43.0	18.1	18.8	18.5	20.5	32.8	118	38.4	22
23	63.0B	53.0B	37.1	44.8	40.8	19.6	21.5	17.2	23.3	29.3	107	41.0	23
24	55.0B	52.0B	146	46.2	38.1	18.3	28.6	18.6	22.7	28.1	90.5	50.7	24
25	48.0B	47.0B	244	46.6	33.9	17.9	30.1	23.7	20.8	31.1	81.4	43.6	25
26	46.0B	44.0B	334	44.2	30.8	17.6	24.1	19.4	20.1	33.6	74.2	37.8	26
27	44.0B	40.0B	345	42.2	28.8	16.9	21.6	18.5	20.1	39.7	67.2	33.4	27
28	42.0B	38.0B	241	42.0	26.8	17.2	21.1	18.0	20.0	47.3	64.8	73.7	28
29	42.0B	37.0B	158	42.8	24.8	17.4	19.0	17.8	20.1	43.6	62.6	89.3	29
30	42.0B		138	44.7	26.2	17.3	21.3	17.5	19.8	40.0	60.8	78.5	30
31	71.0B		182		23.4		75.8	17.4		36.9		81.2	31
TOTAL	1 393.0	1 814.0	3 238.2	2 552.9	1 113.5	683.9	680.3	857.8	677.1	907.5	2 175.2	1 320.5	TOTAL
MEAN	44.9	62.6	104	85.1	35.9	19.5	21.9	22.5	22.6	29.3	72.5	42.6	MEAN
MAX	73.0	206	345	312	54.8	32.7	75.8	48.5	41.2	47.3	118	89.3	MAX
MIN	30.0	34.0	34.0	41.9	23.4	18.0	16.1	16.8	16.8	19.9	28.0	18.3	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 46.9
MAXIMUM DAILY, 345 ON MAR 27
MINIMUM DAILY, 16.1 ON JUL 8
MAXIMUM INSTANTANEOUS,
345 AT 11:48 EST ON MAR 26

SUMMARY FOR THE YEAR 1988

TYPE OF GAUGE - RECORDING
LOCATION - LAT 43 07 55 N
LONG 80 16 01 W
DRAINAGE AREA, 5 310 km²

B - ICE CONDITIONS

REGULATED SINCE 1942

MONTHLY TOTAL DISCHARGE
IN CUBIC DECAMETRES

JAN	120 000	JUL	68 800
FEB	157 000	AUG	80 300
MAR	280 000	SEP	58 500
APR	221 000	OCT	78 400
MAY	98 200	NOV	188 000
JUN	80 400	DEC	114 000

TOTAL DISCHARGE, 1 480 000 dam³

GRAND RIVER AT GALT - STATION NO. 02GA003

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1988

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	50.5B	135 B	25.3	93.4	27.5	15.4	13.5	23.1	13.6	18.1	30.4	43.8	1
2	40.0B	112 B	24.7	68.7	26.1	15.4	13.1	20.4	13.4	22.4	30.0	41.3	2
3	34.0B	86.0B	24.7	76.6	25.0	16.1	13.3	18.2	42.6	20.3	29.3	38.2	3
4	29.0B	60.0B	24.7	214	24.0	15.8	13.4	18.1	30.7	17.5	18.6	35.2	4
5	25.5B	65.0B	22.7	248	23.0	14.9	13.6	16.6	31.3	17.1	24.6	35.3	5
6	24.3B	40.0B	22.4	214	22.3	14.6	13.6	17.2	23.3	16.3	31.6	30.6	6
7	23.9B	22.5B	24.7	108	21.1	14.6	13.6	14.8	18.6	15.8	31.2	29.4	7
8	23.3B	23.0B	33.2	76.3	20.0	15.0	13.9	14.7	16.8	15.5	31.1	30.6	8
9	22.9B	21.6B	59.6	63.4	20.5	15.0	14.3	14.5	15.6	14.8	33.0	28.2	9
10	22.6B	21.7B	68.7	54.6	23.3	15.0	14.1	14.6	15.1	17.1	46.3	24.2	10
11	22.4B	22.0B	61.4	41.8	21.8	14.9	16.8	18.1	14.6	24.7	56.5	17.6	11
12	22.2B	22.5B	74.6	36.2	21.0	14.6	21.6	28.7	14.6	19.6	64.7	16.0	12
13	22.0B	24.5B	87.2	31.0	20.4	14.5	18.0	26.9	15.4	17.7	62.7	17.0B	13
14	21.8B	27.0B	62.5	31.7	19.6	14.3	16.8	18.2	15.2	16.6	65.6	16.0B	14
15	21.8B	33.0B	32.9	33.6	22.2	14.4	14.6	16.9	14.5	15.9	63.6	19.0B	15
16	21.7B	38.0B	30.4	31.2	37.2	14.7	18.7	14.7	14.4	15.3	60.2	18.7B	16
17	23.5B	40.0B	28.6	28.5	29.5	14.1	31.1	14.2	17.0	15.5	57.8	18.5B	17
18	26.0B	38.5B	26.0B	31.8	27.1	13.8	17.4	14.0	18.9	27.0	53.6	18.5	18
19	26.0B	37.4	25.0B	28.9	25.2	13.5	14.7	13.5	17.5	21.0	51.7	16.9	19
20	39.2B	33.9	24.0B	28.0	23.8	13.8	13.8	13.2	18.1	19.1	57.8	21.9	20
21	41.0B	31.8	23.7	30.9	25.8	13.7	13.7	12.8	16.8	18.8	78.8	25.2	21
22	39.0B	33.3	23.3	30.2	25.3	14.3	14.4	12.8	16.1	20.8	71.9	25.2	22
23	38.0B	36.9	26.7	30.8	23.8	14.6	17.2	13.0	16.8	18.5	64.5	28.3	23
24	35.0B	36.1	151	31.5	21.9	13.8	22.8	17.3	16.8	20.1	59.6	28.0	24
25	33.0B	32.1	157	30.5	20.2	13.7	30.9	17.7	15.4	21.8	58.1	25.0	25
26	32.0B	29.9	255	29.0	19.3	13.3	17.5	15.0	15.2	23.3	60.4	20.3	26
27	31.0B	26.7	222	28.0	18.9	13.3	15.2	14.4	14.9	25.8	68.0	23.1	27
28	29.8B	26.3	125	28.4	17.8	13.6	15.2	14.0	15.3	25.2	68.8	26.9	28
29	29.9B	25.0	97.8	28.9	17.2	13.8	14.8	14.1	14.8	23.8	65.2	25.3	29
30	30.8B		92.0	29.2	19.5	13.5	29.0	14.1	14.8	22.9	64.3	26.0	30
31	35.2B		101		18.1		50.0	14.0		21.2		31.8	31
TOTAL	939.2	1 211.0	2 047.3	1 834.4	706.8	432.1	546.1	504.9	536.5	605.1	1 408.3	887.4	TOTAL
MEAN	30.3	41.8	66.0	61.1	22.8	14.4	17.7	16.3	17.9	19.6	46.9	28.6	MEAN
MAX	55.2	135	255	248	37.2	16.1	50.0	28.7	42.6	27.0	78.8	56.9	MAX
MIN	21.7	21.7	22.4	28.0	18.1	13.3	13.1	12.8	13.4	14.9	19.8	16.0	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 31.8
MAXIMUM DAILY, 255 ON MAR 26
MINIMUM DAILY, 12.8 ON AUG 22
MAXIMUM INSTANTANEOUS,
268 AT 05:39 EST ON MAR 26

SUMMARY FOR THE YEAR 1988

TYPE OF GAUGE - RECORDING
LOCATION - LAT 43 21 10 N
LONG 80 19 01 W
DRAINAGE AREA, 3 520 km²

B - ICE CONDITIONS

REGULATED

MONTHLY TOTAL DISCHARGE
IN CUBIC DECAMETRES

JAN	81 100	JUL	47 400
FEB	105 000	AUG	43 500
MAR	177 000	SEP	48 400
APR	158 000	OCT	52 400
MAY	61 100	NOV	122 000
JUN	37 300	DEC	74 800

TOTAL DISCHARGE, 1 010 000 dam³

GRAND RIVER AT WEST MONTROSE - STATION NO. 02GA024

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1988

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	22.5 B	82.0B	10.5 B	31.2	7.47	4.36	4.78	5.42	4.88	4.41	5.52	11.6	1
2	21.0 B	61.8	10.5 B	18.0	7.04	4.83	4.71	5.24	4.88	5.28	5.24	11.8	2
3	18.0 B	64.0	9.50B	37.1	6.78	4.81	4.84	5.10	5.12	4.89	5.17	10.6	3
4	20.0 B	48.8	8.00B	68.5	5.87	4.38	5.28	5.11	5.87	4.72	5.08	8.52	4
5	17.0 B	49.8	8.60B	95.0	5.41	4.45	5.03	5.14	5.88	4.65	5.44	8.45	5
6	14.0 B	19.5	8.70B	70.2	5.04	4.38	4.70	5.23	5.39	4.48	8.10	8.02	6
7	12.0 B	14.3	8.70B	28.7	5.21	4.37	5.00	5.03	5.03	4.44	8.80	7.82	7
8	11.3 B	14.0B	8.60B	30.0	5.09	4.49	5.80	5.09	4.83	4.30	7.88	7.40B	8
9	11.2 B	13.6B	9.40B	25.1	5.12	4.28	5.83	5.17	4.82	4.40	8.72	6.20B	9
10	11.2 B	13.2B	9.30B	20.3	5.08	4.47	5.82	5.37	4.67	4.83	11.9	4.80B	10
11	10.6 B	13.0B	8.90B	11.0	5.86	4.61	5.14	5.30	4.61	5.38	15.7	3.60B	11
12	9.40B	12.8B	8.60B	8.92	5.47	4.41	5.85	5.38	4.67	5.14	10.6	3.62B	12
13	9.20B	12.6B	8.50B	8.64	5.25	4.28	5.01	5.18	4.73	4.86	11.3 A	3.69B	13
14	8.80B	12.5B	8.40B	8.66	5.18	4.28	5.13	5.14	4.48	4.80	21.8	3.71B	14
15	8.70B	15.0B	8.30B	9.21	5.30	4.46	5.03	5.10	4.46	4.84	24.2	3.89B	15
16	8.50B	20.0B	8.00B	8.88	8.44	4.48	5.82	5.88	4.57	4.42	20.8	3.87B	16
17	8.40B	16.7B	7.40B	8.30	8.17	4.45	5.48	5.35	5.88	4.53	19.8	3.68B	17
18	8.30B	16.0B	7.20B	8.87	5.88	4.77	5.19	5.87	5.84	5.07	18.0	3.63B	18
19	8.30B	17.7B	7.10B	8.35	5.45	4.85	5.28	6.02	5.17	5.18	16.0	3.90B	19
20	8.40B	17.8B	7.00B	8.07	5.33	5.00	5.15	5.74	5.10	5.25	15.0	4.00B	20
21	8.00B	17.6B	6.87	8.77	5.76	5.05	5.26	5.57	5.04	5.02	23.5	4.20B	21
22	10.6 B	17.7B	6.65	8.52	5.67	5.10	5.42	5.55	4.87	5.15	23.0	4.80B	22
23	10.4 B	16.0B	13.9	8.55	5.42	4.83	5.85	5.87	5.04	5.13	19.7	4.50B	23
24	10.3 B	14.0B	84.2	8.13	5.07	4.84	5.34	5.81	4.88	5.37	16.4	4.40B	24
25	10.2 B	13.0B	76.1	8.55	4.68	4.92	5.24	5.84	4.56	5.18	17.4	4.20B	25
26	10.1 B	12.0B	91.2	8.05	4.88	4.88	5.26	5.88	4.47	8.72	12.3	4.20B	26
27	10.3 B	10.9B	73.7	7.84	4.88	4.85	5.29	5.56	4.45	8.30	12.2	5.40B	27
28	10.6 B	10.6B	36.5	8.17	5.04	4.98	5.87	5.55	4.57	7.43	12.1	10.0 B	28
29	10.6 B	10.8B	32.4	8.03	8.28	4.90	5.71	5.57	4.33	7.27	11.9	9.80B	29
30	9.80B		36.7	7.87	4.88	4.82	5.48	5.55	4.43	8.72	11.6	9.20B	30
31	9.80B		36.5		4.38		5.48	5.40		8.73		8.80B	31
TOTAL	358.60	683.2	848.62	604.89	178.74	139.78	171.91	184.30	148.12	186.68	413.68	181.23	TOTAL
MEAN	11.6	22.9	20.9	20.2	5.70	4.68	5.55	5.95	4.87	6.38	13.6	6.17	MEAN
MAX	22.5	82.0	91.2	95.0	8.28	5.10	6.48	6.42	6.86	8.72	24.2	11.6	MAX
MIN	8.30	10.6	6.65	7.84	4.38	4.28	4.78	5.40	4.33	4.30	5.08	3.60	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 10.6
MAXIMUM DAILY, 95.0 ON APR 5
MINIMUM DAILY, 3.60B ON DEC 11
MAXIMUM INSTANTANEOUS,
106 AT 03:50 EST ON MAR 26

SUMMARY FOR THE YEAR 1988

TYPE OF GAUGE - RECORDING
LOCATION - LAT 43 35 05 N
LONG 80 28 54 W
DRAINAGE AREA, 1 170 km²
A - MANUAL GAUGE
B - ICE CONDITIONS

REGULATED

MONTHLY TOTAL DISCHARGE
IN CUBIC DECAMETRES

JAN	31 000	JUL	14 800
FEB	57 300	AUG	15 900
MAR	56 100	SEP	12 800
APR	52 300	OCT	16 400
MAY	15 300	NOV	35 700
JUN	12 100	DEC	16 800

TOTAL DISCHARGE, 334 000 dam³

GRAND RIVER BELOW SHAND DAM - STATION NO. 02GA010

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1988

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	15.5	18.3	5.36	18.8	4.38	4.21	3.76	3.80	3.30	3.36	3.84	6.82	1
2	15.4	53.2	5.55	8.89	4.31	4.43	3.83	3.81	3.22	3.33	3.81	6.75	2
3	12.8	52.3	5.14	22.4	4.38	4.04	3.72	3.80	3.27	3.31	3.58	6.68	3
4	15.0	44.3	4.26	80.3	4.28	3.78	3.70	3.84	3.33	3.35	3.62	5.45	4
5	12.2	38.0	4.25	73.5	4.24	3.83	3.83	3.82	3.23	3.28	3.83	5.43	5
6	9.06	11.8	4.23	45.6	3.84	3.83	3.88	3.80	3.13	3.32	3.85	5.29	6
7	8.22	9.80	4.21	13.6	3.63	3.88	4.37	3.79	3.21	3.33	3.81	5.25	7
8	7.77	9.80	4.41	13.5	3.59	3.83	4.73	3.80	3.17	3.41	3.57	5.21	8
9	7.76	9.67	4.40	18.2	3.80	3.71	4.77	3.66	3.15	3.47	3.80	4.52	9
10	7.73	9.71	3.83	11.9	3.81	4.06	4.78	3.66	3.18	3.48	3.87	3.21	10
11	7.34	9.47	3.88	9.24	3.81	3.75	4.84	3.77	3.17	3.36	3.74	3.19	11
12	8.89	9.82	3.66	4.48	3.56	3.80	4.27	3.75	3.19	3.46	3.78	3.46	12
13	4.98	8.88	3.68	4.44	3.59	3.82	3.96	3.77	3.19	3.46	3.88	3.18	13
14	4.71	8.20	3.65	4.44	3.58	3.87	3.98	3.84	3.19	3.52	10.7	3.48	14
15	4.86	9.57	3.65	4.34	3.90	3.87	3.91	3.70	3.30	3.50	14.6	3.85	15
16	4.48	10.0	3.84	4.38	3.85	3.91	3.95	3.78	3.33	3.46	14.6	3.71	16
17	4.36	9.83	3.81	4.41	3.68	3.85	3.79	3.82	3.36	3.47	14.4	3.77	17
18	4.30	9.86	3.57	4.46	3.69	4.00	3.81	3.83	3.36	3.50	14.6	3.70	18
19	4.22	9.91	3.64	4.42	3.61	4.08	3.80	3.76	3.35	3.46	14.3	3.65	19
20	4.35	9.84	3.63	4.40	3.63	4.04	3.83	3.76	3.61	3.45	14.3	3.87	20
21	4.25	9.78	3.63	4.67	4.23	4.02	3.85	3.81	3.42	3.51	14.2	3.84	21
22	5.27	9.78	3.62	4.67	3.72	3.95	3.78	3.72	3.34	3.42	14.2	3.84	22
23	7.16	9.71	4.05	4.58	3.68	3.88	3.85	3.62	3.33	3.46	14.2	3.88	23
24	7.08	8.58	10.4	4.63	3.72	3.84	3.81	3.67	3.40	3.51	14.2	3.83	24
25	7.01	7.78	27.5	4.62	3.78	3.88	3.85	3.60	3.37	3.55	12.3	3.84	25
26	6.87	7.01	34.3	4.61	3.74	3.78	3.85	3.87	3.32	3.84	8.82	3.84	26
27	7.17	6.84	38.5	4.44	3.81	3.88	3.85	3.74	3.30	3.88	9.05	3.88	27
28	7.48	6.80	24.8	4.57	6.00	3.88	3.85	3.97	3.27	3.72	8.81	3.88	28
29	7.27	6.55	16.8	4.36	6.68	3.87	3.88	3.80	3.33	3.68	8.76	3.76	29
30	6.56		21.1	4.32	3.74	3.85	3.83	3.87	3.36	3.85	8.78	4.18	30
31	6.74		26.7		3.84		3.72	3.83		3.73		4.17	31
TOTAL	233.84	418.81	295.44	377.04	121.86	117.67	123.21	116.77	88.80	108.05	256.42	134.81	TOTAL
MEAN	7.53	14.5	9.53	12.8	3.93	3.92	3.97	3.77	3.29	3.49	8.61	4.34	MEAN
MAX	15.5	53.2	38.5	73.5	6.68	4.43	4.84	3.97	3.61	3.84	14.6	6.82	MAX
MIN	4.22	6.55	3.62	4.32	3.61	3.71	3.65	3.63	3.13	3.28	3.58	3.18	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 6.57
MAXIMUM DAILY, 73.5 ON APR 5
MINIMUM DAILY, 3.13 ON SEP 8
MAXIMUM INSTANTANEOUS,
76.9 AT 15:47 EST ON APR 4

SUMMARY FOR THE YEAR 1988

TYPE OF GAUGE - RECORDING
LOCATION - LAT 43 43 53 N
LONG 80 20 38 W
DRAINAGE AREA, 800 km²

REGULATED SINCE 1942

MONTHLY TOTAL DISCHARGE
IN CUBIC DECAMETRES

JAN	20 300	JUL	19 000
FEB	38 300	AUG	10 100
MAR	25 500	SEP	8 530
APR	32 600	OCT	9 340
MAY	10 500	NOV	22 300
JUN	10 200	DEC	11 800

TOTAL DISCHARGE, 208 000 dam³

GRAND RIVER NEAR DUNDALK - STATION NO. 02GA041

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1988

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	0.850E	8.00 B	0.520E	3.84	0.773	0.083	0.022	0.018	0.014	0.017	0.149	0.801	1
2	0.770E	2.00 B	0.450E	3.32	0.670	0.088	0.023	0.013	0.014	0.026	0.153	0.540E	2
3	0.640E	1.10 B	0.400E	5.80	0.513	0.076	0.022	0.013	0.015	0.038	0.148	0.480E	3
4	0.530E	0.850E	0.360E	5.92	0.398	0.073	0.020	0.012	0.031	0.035	0.153	0.440E	4
5	0.440E	0.740E	0.320E	4.02	0.334	0.068	0.019	0.012	0.083	0.040	0.320	0.400E	5
6	0.370E	0.640E	0.300E	2.94	0.284	0.067	0.017	0.013	0.030	0.048	0.711	0.370E	6
7	0.320E	0.560E	0.300E	2.28	0.270	0.058	0.017	0.011	0.021	0.038	0.544	0.340E	7
8	0.280E	0.480E	0.380E	1.89	0.281	0.077	0.018	0.012	0.018	0.035	0.525	0.310E	8
9	0.245E	0.480E	0.600E	1.45	0.333	0.083	0.018	0.018	0.018	0.034	0.851	0.350E	9
10	0.230E	0.440E	1.00 B	1.11	0.385	0.082	0.015	0.014	0.017	0.036	3.27	0.270E	10
11	0.210E	0.420E	1.70 B	0.845	0.328	0.065	0.018	0.017	0.017	0.054	2.58	0.250E	11
12	0.200E	0.400E	1.50 B	0.715	0.269	0.041	0.018	0.016	0.017	0.053	1.43	0.230E	12
13	0.180E	0.500E	1.40 B	0.596	0.262	0.038	0.018	0.012	0.026	0.046	2.56	0.220E	13
14	0.180E	0.600E	1.30 B	0.583	0.252	0.030	0.018	0.013	0.024	0.043	2.36	0.203E	14
15	0.140E	1.30 B	1.35 B	0.775	0.246	0.033	0.017	0.013	0.021	0.043	1.36	0.183E	15
16	0.130E	2.40 B	1.00 B	0.640	1.22	0.036	0.018	0.012	0.020	0.058	1.12	0.165E	16
17	0.150E	2.50 B	0.600E	0.578	0.832	0.032	0.017	0.017	0.026	0.036	1.11	0.155E	17
18	0.400E	2.40 B	0.400E	0.535	0.585	0.028	0.015	0.014	0.023	0.073	0.873	0.145E	18
19	0.800E	2.10 B	0.500E	0.715	0.411	0.026	0.015	0.014	0.022	0.086	0.713	0.140E	19
20	1.00 B	1.80 B	0.400E	0.647	0.426	0.026	0.014	0.011	0.027	0.070	0.788	0.350E	20
21	2.00 B	1.60 B	0.370E	0.703	0.584	0.030	0.015	0.011	0.028	0.055	1.49	0.800E	21
22	1.70 B	1.70 B	0.350E	0.558	0.774	0.086	0.016	0.011	0.025	0.085	1.16	0.510E	22
23	1.30 B	1.85 B	0.400E	0.570	0.474	0.071	0.016	0.013	0.031	0.067	0.908	0.480E	23
24	0.900E	1.80 B	5.00 B	1.42	0.334	0.063	0.014	0.014	0.037	0.068	0.606	0.480E	24
25	0.680E	1.30 B	10.0 B	1.08	0.265	0.038	0.014	0.014	0.040	0.137	0.713	0.430E	25
26	0.460E	1.00 B	8.00 B	0.782	0.218	0.033	0.015	0.015	0.014	0.171	0.686	0.400E	26
27	0.350E	0.800E	7.72 B	0.621	0.180	0.030	0.015	0.013	0.017	0.148	0.781	0.440E	27
28	0.320E	0.700E	7.00 B	0.646	0.303	0.027	0.014	0.014	0.017	0.185	0.783	0.700E	28
29	0.310E	0.600E	6.00 B	0.783	0.178	0.025	0.012	0.016	0.024	0.203	0.704	1.10 B	29
30	0.300E		5.50 B	1.30	0.138	0.026	0.014	0.013	0.019	0.176	0.639	0.700E	30
31	3.00 B		4.87		0.107		0.014	0.014		0.182		0.600E	31
TOTAL	18.825	41.140	71.380	48.013	12.381	1.462	0.523	0.418	0.705	2.367	30.312	12.332	TOTAL
MEAN	0.610	1.42	2.30	1.60	0.400	0.049	0.017	0.013	0.024	0.076	1.01	0.398	MEAN
MAX	3.00	8.00	10.0	5.92	1.22	0.083	0.023	0.017	0.083	0.203	3.27	1.10	MAX
MIN	0.130	0.400	0.300	0.558	0.107	0.025	0.012	0.011	0.014	0.017	0.148	0.140	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 0.855
MAXIMUM DAILY, 10.00 ON MAR 25
MINIMUM DAILY, 0.011 ON AUG 7

SUMMARY FOR THE YEAR 1988

TYPE OF GAUGE - RECORDING
LOCATION - LAT 44 08 24 N
LONG 80 21 50 W
DRAINAGE AREA, 82.9 km²

B - ICE CONDITIONS

NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	1 540	JUL	45.2
FEB	3 550	AUG	36.1
MAR	6 160	SEP	60.9
APR	4 150	OCT	205
MAY	1 070	NOV	2 620
JUN	126	DEC	1 070

TOTAL DISCHARGE, 20 700 dam³

GRAND RIVER NEAR MARSVILLE - STATION NO. 02GA014

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1988

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	5.40E	80.0 B	5.20E	24.1	6.35	1.16	0.386	0.426	0.404	0.389	1.84	4.31	1
2	4.70E	30.0 B	4.80E	20.6	4.83	1.08	0.356	0.426	0.376	0.685	1.83	3.80E	2
3	3.80E	10.0 B	4.00E	36.2	3.89	0.948	0.344	0.383	0.386	0.722	1.43	3.50E	3
4	3.40E	8.80E	3.80E	66.7	3.34	0.824	0.310	0.394	0.676	0.718	1.48	2.90E	4
5	3.00E	7.40E	3.20E	43.4	3.01	0.724	0.304	0.408	1.36	0.650	1.88	2.80E	5
6	2.70E	6.40E	3.10E	28.2	2.36	0.681	0.278	0.386	0.686	0.621	5.43	2.40E	6
7	2.40E	5.50E	3.00E	21.3	1.86	0.688	0.288	0.394	0.616	0.611	5.29	2.20E	7
8	2.20E	4.80E	3.80E	16.8	1.72	0.733	0.308	0.347	0.773	0.636	5.30	2.00E	8
9	2.00E	4.50E	8.00E	12.8	1.58	0.807	0.288	0.318	0.695	0.606	6.71	1.80E	9
10	1.80E	4.40E	10.0 B	9.83	2.24	0.784	0.284	0.360	0.693	0.618	11.8	1.76E	10
11	1.60E	4.20E	17.0 B	7.85	2.42	0.787	0.284	0.482	0.618	0.678	23.2	1.65E	11
12	1.55E	4.00E	16.0 B	6.82	2.11	0.684	0.285	0.785	0.488	0.812	13.7	1.80E	12
13	1.55E	5.00E	14.0 B	5.73	1.86	0.674	0.232	0.618	0.524	0.836	14.3	1.53E	13
14	1.45E	8.00E	13.0 B	5.04	1.80	0.680	0.230	0.409	0.441	0.808	19.2	1.48E	14
15	1.35E	13.0 B	12.5 B	7.18	1.89	0.491	0.286	0.418	0.412	0.733	12.6	1.41E	15
16	1.30E	24.0 B	10.0 B	6.18	4.34	0.883	0.327	0.382	0.382	0.655	9.21	1.37E	16
17	2.00E	26.0 B	8.00E	5.18	7.07	0.702	0.520	0.395	0.455	0.686	8.13	1.32E	17
18	4.00E	24.0 B	8.00E	5.88	6.81	0.644	0.427	0.600	0.436	1.33	7.88	1.30E	18
19	8.00E	21.0 B	8.00E	8.15	3.48	0.887	0.416	0.526	0.401	1.65	8.62	1.28E	19
20	10.0 B	18.0 B	4.00E	5.24	3.10	0.578	0.396	0.533	0.482	1.40	8.38	1.60E	20
21	20.0 B	16.0 B	3.70E	5.74	3.78	0.544	0.384	0.512	0.540	1.25	11.3	2.20E	21
22	17.0 B	17.0 B	3.50E	5.33	7.38	0.853	0.358	0.526	0.431	1.12	11.2	3.80E	22
23	13.0 B	16.5 B	4.00E	4.67	8.88	0.978	0.731	0.483	0.534	1.14	8.05	6.00E	23
24	9.00E	16.0 B	32.6 B	5.89	6.17	1.14	0.522	0.470	0.540	1.32	8.45	5.00E	24
25	5.00E	13.0 B	66.0 B	7.21	3.72	1.09	0.485	0.458	0.510	1.87	6.82	4.30E	25
26	4.00E	10.0 B	88.5 B	5.80	1.89	0.867	0.556	0.587	0.433	2.80	4.80	4.00E	26
27	3.50E	8.00E	81.3	4.88	1.80	0.986	0.448	0.503	0.458	2.87	6.00	5.30E	27
28	3.00E	7.00E	38.1	4.88	1.84	0.518	0.408	0.451	0.448	2.78	5.21	8.70E	28
29	2.77E	6.00E	34.7	4.75	1.48	0.501	0.401	0.435	0.383	2.91	4.81	11.0 B	29
30	4.00E		50.8	5.84	1.30	0.418	0.524	0.382	0.348	3.52	4.48	8.50E	30
31	40.0 B		32.8		1.24		0.527	0.519		1.98		5.00E	31
TOTAL	183.87	410.40	577.30	400.10	98.36	22.032	11.870	14.163	18.091	38.380	230.44	100.28	TOTAL
MEAN	5.93	14.2	18.6	13.3	3.17	0.734	0.383	0.456	0.536	1.23	7.86	3.23	MEAN
MAX	40.0	80.0	88.5	66.7	7.38	1.16	0.731	0.788	1.36	2.91	23.2	11.0	MAX
MIN	1.30	4.00	3.00	4.68	1.24	0.418	0.223	0.318	0.348	0.389	1.43	1.28	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 5.75
MAXIMUM DAILY, 88.58 ON MAR 26
MINIMUM DAILY, 0.222 ON JUL 13
MAXIMUM INSTANTANEOUS,
1260 AT 21:20 EST ON MAR 26

SUMMARY FOR THE YEAR 1988

TYPE OF GAUGE - RECORDING
LOCATION - LAT 43 51 43 N
LONG 80 16 22 W
DRAINAGE AREA, 594 km²

B - ICE CONDITIONS

REGULATED SINCE 1963

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	15 900	JUL	1 030
FEB	35 500	AUG	1 220
MAR	49 900	SEP	1 380
APR	34 500	OCT	3 310
MAY	8 490	NOV	19 900
JUN	1 900	DEC	8 680

TOTAL DISCHARGE, 182 000 dam³

GRASSY NARROWS LAKE AT GRASSY NARROWS - STATION NO. 05QE015

DAILY WATER LEVEL IN METRES FOR 1988

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	---	318.748	318.672E	318.484	318.410	318.470	318.244	318.579	318.388	318.814	319.356	319.485	1
2	---	318.744	318.668E	318.486	318.402	318.480	318.244	318.571	318.377	318.825	319.364	319.482	2
3	---	318.735	318.660E	318.485	318.402	318.458	318.243	318.562	318.371	318.840	319.376	319.486	3
4	---	318.750	318.654E	318.485	318.406	318.457	318.244	318.556	318.356	318.841	319.378	319.500	4
5	---	318.754	318.648E	318.485	318.403	318.456	318.255	318.550	318.347	318.840	319.384	319.510	5
6	---	318.756	318.642E	318.488	318.386	318.456	318.305	318.544	318.338	318.847	319.381	319.521	6
7	---	318.761	318.636E	318.487	318.386	318.446	318.386	318.536	318.332	318.857	319.398	319.527	7
8	---	318.763	318.630E	318.490	318.403	318.417	318.386	318.528	318.317	318.864	319.404	319.526	8
9	---	318.766	318.624E	318.488	318.413	318.411	318.400	318.521	318.307	318.877	319.403	319.526	9
10	---	318.764	318.618E	318.474	318.419	318.410	318.407	318.515	318.305	318.889	319.403	319.526	10
11	---	318.768	318.612E	318.484	318.417	318.408	318.412	318.508	318.306	318.904	319.400	319.525A	11
12	---	318.775	318.606E	318.458	318.426	318.389	318.417	318.495	318.323	318.911	319.387	---	12
13	---	318.779	318.600E	318.460	318.435	318.386	318.434	318.488	318.337	318.931	319.398	---	13
14	---	318.771	318.594E	318.439	318.425	318.382	318.445	318.479	318.348	318.954	319.405	---	14
15	---	318.770	318.588E	318.435	318.428	318.401	318.485	318.468	318.361	318.961	319.406	---	15
16	---	318.780	318.582E	318.432	318.432	318.382	318.467	318.462	318.376	319.012	319.450	---	16
17	---	318.782	318.576E	318.443	318.426	318.374	318.476	318.452	318.388	319.038	319.467	---	17
18	---	318.743A	318.570E	318.440	318.414	318.357	318.487	318.441	318.428	319.059	319.468	---	18
19	---	318.737E	318.565E	318.443	318.421	318.343	318.500	318.435	318.466	319.068	319.486	---	19
20	---	318.731E	318.559E	318.462	318.422	318.326	318.517	318.429	318.500	319.111	319.481	---	20
21	---	318.725E	318.553E	318.465	318.416	318.312	318.529	318.417	318.531	319.152	319.481	---	21
22	---	318.719E	318.547E	318.456	318.420	318.296	318.536	318.405	318.572	319.184	319.482	---	22
23	---	318.713E	318.541E	318.460	318.421	318.277	318.546	318.402	318.609	319.201	319.486	---	23
24	---	318.707E	318.536E	318.463	318.411	318.275	318.550	318.416	318.642	319.238	319.485	---	24
25	---	318.701E	318.529E	318.466	318.415	318.272	318.551	318.418	318.677	319.285	319.485	---	25
26	---	318.695E	318.523E	318.458	318.427	318.270	318.556	318.417	318.703	319.278	319.484	---	26
27	318.780A	318.689E	318.517E	318.451	318.436	318.286	318.559	318.420	318.728	319.284	319.485	---	27
28	318.754	318.684E	318.511A	318.441	318.440	318.282	318.558	318.418	318.781	319.330	319.480	---	28
29	318.786	318.678E	318.506	318.432	318.461	318.262	318.565	318.414	318.773	319.338	319.484	---	29
30	318.780		318.495	318.426	318.464	318.247	318.569	318.402	318.784	319.339	319.466	---	30
31	318.766		318.487		318.467		318.564	318.394		319.346		---	31
MEAN	---	318.740	318.582	318.460	318.421	318.365	318.448	318.472	318.469	319.046	319.424	---	MEAN
MAX	---	318.779	318.672	318.490	318.467	318.470	318.569	318.579	318.784	319.346	319.467	---	MAX
MIN	---	318.678	318.487	318.426	318.388	318.247	318.243	318.394	318.305	318.814	319.356	---	MIN

SUMMARY FOR THE YEAR 1988

WATER LEVELS IN METRES

TYPE OF GAUGE - RECORDING
LOCATION - LAT 50 09 40 N
LONG 94 01 00 W

A - MANUAL GAUGE

E - ESTIMATED

REGULATED

MINIMUM DAILY, 318.243 ON JUL 3

WATER LEVELS ARE REFERRED TO GEODETIC SURVEY OF CANADA DATUM (LOCAL 1929 ADJ.)
APPLY -000.183 m ADJUSTMENT TO CONVERT TO ONTARIO HYDRO PROJECT DATUM

GRAVEL RIVER NEAR CAVERS - STATION NO. 02AE001

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1988

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	2.108	1.468	1.05 B	2.258	27.1	7.68	7.83	2.16	22.0	14.6	13.5	11.0 B	1
2	2.068	1.468	1.04 B	2.328	32.7	7.78	7.08	2.67	24.5	13.5	12.3	10.2 B	2
3	2.038	1.458	1.03 B	2.408	34.7	7.40	6.41	5.33	23.3	13.0	11.6	9.558	3
4	2.018	1.438	1.02 B	2.588	34.5	6.89	5.78	14.9	21.0	16.0	10.8	9.008	4
5	1.888	1.428	1.01 B	2.808	32.8	6.51	5.36	42.9	18.5	17.6	10.5	8.508	5
6	1.858	1.408	1.00 B	3.208	30.7	6.18	5.20	36.4	16.1	17.0	11.0	7.958	6
7	1.838	1.388	0.985B	3.958	27.5	5.78	4.90	31.1	14.2	15.8	11.0	7.558	7
8	1.808	1.368	0.965B	5.608	25.0	5.38	4.56	24.8	12.7	14.8	10.5	7.158	8
9	1.888	1.348	0.950B	8.408	23.4	4.87	4.27	20.3	11.6	13.8	10.1	8.808	9
10	1.888	1.338	0.975B	11.1 B	25.1	4.58	3.93	17.0	10.8	13.2	10.1	8.608	10
11	1.848	1.328	0.970B	16.0 B	25.7	4.25	3.68	14.4	9.72	12.2	9.89	8.208	11
12	1.828	1.308	0.960B	17.2 B	24.3	3.87	3.36	17.1	9.03	12.6	9.56	8.858	12
13	1.808	1.288	0.955B	17.6 B	23.3	3.72	3.21	15.8	8.45	12.2	10.1	8.758	13
14	1.788	1.268	0.950B	17.2 B	24.8	3.83	3.38	15.4	7.88	11.5	9.62	8.608	14
15	1.778	1.258	0.945B	16.4	23.9	4.10	3.28	15.9	7.60	11.0	9.37	8.308	15
16	1.758	1.238	0.940B	14.9	22.7	4.14	3.41	17.7	7.13	10.9	19.6	5.108	16
17	1.748	1.228	0.935B	14.0	21.1	4.07	3.24	15.7	7.71	18.2	46.4	5.008	17
18	1.728	1.208	0.930B	12.7	19.1	3.90	3.06	13.5	8.01	26.2	41.6	4.858	18
19	1.708	1.188	0.930B	11.9	17.2	3.83	3.06	11.6	8.45	25.0	33.9	4.708	19
20	1.698	1.178	0.925B	10.9	15.5	4.00	2.89	10.2	45.0	22.4	29.4	4.558	20
21	1.888	1.158	0.923B	10.1	14.2	3.82	2.75	9.09	85.1	20.8	24.9	4.408	21
22	1.668	1.148	0.920B	9.53	13.4	3.58	2.67	8.17	48.0	19.9	21.4	4.308	22
23	1.638	1.138	0.920B	9.02	12.8	3.40	2.38	12.7	36.8	18.6	19.1	4.208	23
24	1.618	1.128	0.940B	8.63	11.6	4.08	2.23	22.6	28.5	17.3	17.2	4.108	24
25	1.608	1.118	1.04 B	8.33	10.9	8.26	2.21	26.7	25.6	16.0	16.9	4.008	25
26	1.568	1.098	1.24 B	8.73	10.1	12.0	2.08	30.2	23.1	14.8	17.7	3.808	26
27	1.568	1.088	1.82 B	10.3	9.66	11.7	1.83	30.3	21.0	14.0	17.7	3.838	27
28	1.548	1.078	1.73 B	11.8	9.19	10.6	1.78	35.7	19.1	16.5	14.9 B	3.748	28
29	1.538	1.068	1.82 B	14.7	8.71	9.80	1.72	33.2	17.3	16.9	13.2 B	3.708	29
30	1.518		2.05 B	20.0	8.55	8.71	1.87	27.8	15.8	15.2	12.0 B	3.848	30
31	1.508		2.18 B		8.29		2.24	23.7		14.5		3.858	31
TOTAL	54.71	36.43	36.908	306.42	626.72	178.63	111.81	609.04	597.86	496.4	508.84	180.82	TOTAL
MEAN	1.76	1.26	1.13	10.2	20.3	5.89	3.61	19.6	19.9	16.1	16.9	5.82	MEAN
MAX	2.10	1.49	2.18	20.0	34.7	12.0	7.83	42.9	85.1	26.2	46.4	11.0	MAX
MIN	1.50	1.06	0.920	2.26	8.29	3.40	1.72	2.16	7.13	10.9	9.37	3.69	MIN

SUMMARY FOR THE YEAR 1988

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 10.2
MAXIMUM DAILY, 85.1 ON SEP 21
MINIMUM DAILY, 0.920B ON MAR 22
MAXIMUM INSTANTANEOUS,
69.0 AT 08:23 EST ON SEP 21

TYPE OF GAUGE - RECORDING
LOCATION - LAT 48 55 34 N
LONG 87 41 27 W
DRAINAGE AREA, 816 km²

B - ICE CONDITIONS

NATURAL FLOW

MONTHLY TOTAL DISCHARGE
IN CUBIC DECAMETRES

JAN	4 730	JUL	9 650
FEB	3 150	AUG	52 600
MAR	3 020	SEP	51 700
APR	26 500	OCT	43 100
MAY	54 300	NOV	43 800
JUN	15 500	DEC	15 600

TOTAL DISCHARGE, 324 000 dam³

GREENWATER CREEK AT OUTLET OF GREENWATER LAKE - STATION NO. 02ABG12

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1988

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	---	---	0	0	---	---	---	---	---	---	---	---	1
2	---	---	---	0	---	---	---	---	---	---	---	---	2
3	---	---	---	0	---	---	---	---	---	---	---	---	3
4	---	---	---	0	---	---	---	1.30	---	---	---	---	4
5	---	---	---	0	---	0	---	---	---	---	---	---	5
6	---	---	---	0	---	---	---	---	---	---	---	---	6
7	---	---	---	0	---	---	---	---	---	---	---	---	7
8	---	---	---	0	---	---	---	---	---	---	---	---	8
9	---	---	---	0	---	---	---	---	7.80	---	---	---	9
10	---	---	---	0	---	---	---	---	---	---	---	---	10
11	---	---	---	0	---	---	---	---	---	---	---	---	11
12	---	---	---	0	---	---	---	---	---	---	---	---	12
13	---	---	---	0	---	---	---	---	---	---	---	---	13
14	---	---	---	0	---	---	---	---	4.80	---	---	---	14
15	---	---	---	0	---	---	---	---	---	---	---	---	15
16	---	---	---	0	---	---	---	5.30	---	---	---	---	16
17	---	---	---	0	---	---	---	---	---	---	---	---	17
18	---	---	---	0	---	---	---	---	---	---	---	---	18
19	---	---	---	0	---	---	---	---	---	---	---	---	19
20	---	---	---	0	---	---	0	---	---	---	---	---	20
21	---	---	---	0	---	---	---	---	---	---	---	---	21
22	---	---	---	0	---	---	---	---	---	---	---	---	22
23	---	---	---	0	---	---	---	---	---	---	---	---	23
24	---	---	---	0	---	---	---	---	---	---	---	---	24
25	0	---	---	0	---	---	---	---	---	---	---	---	25
26	---	---	---	0	---	---	---	---	---	---	---	---	26
27	---	---	---	0	---	---	---	---	---	---	---	---	27
28	---	---	---	0	---	---	---	---	---	---	---	---	28
29	---	---	---	0	---	---	---	---	---	---	---	---	29
30	---		---	0	---	---	---	---	---	---	---	---	30
31	---		---		---		---	---		---	---	---	31
TOTAL	---	---	---	0	---	---	---	---	---	---	---	---	TOTAL
MEAN	---	---	---	0	---	---	---	---	---	---	---	---	MEAN
MAX	---	---	---	0	---	---	---	---	---	---	---	---	MAX
MIN	---	---	---	0	---	---	---	---	---	---	---	---	MIN

SUMMARY FOR THE YEAR 1988

TYPE OF GAUGE - MANUAL
LOCATION - LAT
LONG

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	---	JUL	---
FEB	---	AUG	---
MAR	---	SEP	---
APR	0	OCT	---
MAY	---	NOV	---
JUN	---	DEC	---

GRINDSTONE CREEK NEAR ALDERSHOT - STATION NO. 02HB012

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1988

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	0.430B	1.30	0.442B	1.46	0.845	0.174	0.052	0.101	0.074	0.077	0.178E	0.473	1
2	0.380B	0.830B	0.440B	1.23	0.467	0.185	0.053	0.075	0.076	0.264	0.188E	0.448	2
3	0.360B	0.600B	0.480B	1.87	0.424	0.170	0.056	0.059	0.200	0.185	0.188E	0.418	3
4	0.339B	0.568B	0.452B	2.85	0.382	0.153	0.044	0.051	1.15	0.140	0.188E	0.389	4
5	0.329B	0.518B	0.443B	1.81	0.350	0.109	0.044	0.049	0.671	0.116	0.283	0.368	5
6	0.318B	0.490B	0.441B	1.37	0.327	0.088	0.042	0.088	0.265	0.104	0.298	0.368	6
7	0.317B	0.470B	0.438B	1.24	0.303	0.058	0.049	0.055	0.185	0.098	0.288	0.383	7
8	0.313B	0.445B	0.439B	1.12	0.304	0.056	0.038	0.051	0.140	0.095	0.357	0.337	8
9	0.311B	0.430B	0.440B	0.944	0.314	0.077	0.043	0.048	0.133	0.092	0.380	0.288B	9
10	0.312B	0.420B	0.480B	0.850	0.333	0.078	0.035	0.087	0.114	0.141	0.484	0.270B	10
11	0.314B	0.410B	0.520B	0.731	0.321	0.058	0.033	0.508	0.084	0.136	0.458	0.260B	11
12	0.318B	0.405B	0.620B	0.681	0.288	0.070	0.028	0.248	0.108	0.124	0.374	0.238B	12
13	0.318B	0.403B	0.605B	0.804	0.275	0.057	0.027	0.124	0.085	0.111	0.708	0.225B	13
14	0.320B	0.402B	0.580B	0.811	0.263	0.052	0.038	0.093	0.087	0.089	0.738	0.215B	14
15	0.325B	0.400B	0.550B	0.882	0.273	0.058	0.033	0.189	0.088	0.104	0.688	0.207B	15
16	0.332B	0.404B	0.545B	0.989	0.418	0.050	0.086	0.121	0.087	0.089	0.558	0.200B	16
17	0.345B	0.415B	0.540B	0.553	0.402	0.050	0.483	0.087	0.180	0.093	0.567	0.195B	17
18	0.350B	0.425B	0.530B	0.551	0.389	0.050	0.157	0.054	0.138	0.580	0.482	0.193B	18
19	0.345B	0.430B	0.510B	0.518	0.648	0.047	0.084	0.053	0.088	0.327	0.470	0.192B	19
20	0.500B	0.445B	0.500B	0.502	0.788E	0.047	0.058	0.048	0.108	0.218	1.13	0.190B	20
21	0.430B	0.480B	0.490B	0.525	0.780E	0.053	0.080	0.044	0.088	0.205	1.88	0.230B	21
22	0.390B	0.480B	0.500B	0.488	0.517E	0.086	0.093	0.048	0.085	0.295	1.08	0.220B	22
23	0.370B	0.540B	0.552B	0.574	0.430E	0.058	0.281	0.063	0.148	0.278	0.840	0.557	23
24	0.365B	0.505B	1.62	0.564	0.373E	0.071	0.180	0.185	0.097	0.262	0.747	0.387	24
25	0.360B	0.490B	3.11	0.491	0.317E	0.082	0.410	0.303	0.088	0.237	0.675	0.307	25
26	0.362B	0.480B	5.05	0.447	0.275E	0.081	0.193	0.291	0.081	0.222	0.657	0.320B	26
27	0.365B	0.470B	4.31	0.441	0.262E	0.078	0.114	0.137	0.078	0.194	0.652	0.535B	27
28	0.380B	0.480B	2.94	0.458	0.234E	0.081	0.076	0.103	0.078	0.188	0.613	2.38	28
29	0.420B	0.445B	2.58	0.549	0.210E	0.053	0.081	0.080	0.071	0.173E	0.581	0.881B	29
30	0.480B		2.41	0.828	0.204E	0.054	0.132	0.091	0.072	0.200E	0.504	0.845B	30
31	0.740B		1.83		0.179E		0.134	0.084		0.188E		0.823B	31
TOTAL	11.647	14.324	36.628	26.009	11.441	2.291	3.149	3.610	4.811	5.826	17.126	13.169	TOTAL
MEAN	0.372	0.494	1.18	0.867	0.369	0.076	0.102	0.116	0.160	0.181	0.571	0.424	MEAN
MAX	0.740	1.30	5.05	2.85	0.788	0.174	0.483	0.508	1.14	0.580	1.88	2.38	MAX
MIN	0.311	0.400	0.438	0.441	0.178	0.047	0.027	0.044	0.067	0.077	0.188	0.192	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 0.408
MAXIMUM DAILY, 5.05 ON MAR 26
MINIMUM DAILY, 0.027 ON JUL 13
MAXIMUM INSTANTANEOUS,
5.80 AT 05:23 EST ON MAR 26

SUMMARY FOR THE YEAR 1988

TYPE OF GAUGE - RECORDING
LOCATION - LAT 43 18 03 N
LONG 79 52 10 W
DRAINAGE AREA, 82.6 km²

B - ICE CONDITIONS
E - ESTIMATED
NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	898	JUL	272
FEB	1 240	AUG	312
MAR	3 160	SEP	416
APR	2 250	OCT	488
MAY	988	NOV	1 480
JUN	198	DEC	1 140

TOTAL DISCHARGE, 12 800 dam³

GROUNDHOG RIVER AT FAUQUIER - STATION NO. 04LD001

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1988

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	46.0B	66.0B	59.5B	29.5B	664	212	108	25.8	109	135	117	360 B	1
2	45.7B	66.0B	56.5B	32.5B	706	200	98.5	27.3	99.6	133	112	340 B	2
3	45.4B	67.0B	54.0B	37.0B	723	187	89.6	32.2	94.3	127	106	323 B	3
4	45.0B	66.5B	51.5B	45.0B	710	173	81.5	44.5	90.8	119	106	305 B	4
5	44.8B	66.5B	49.0B	54.0B	681	164	74.8	66.3	87.0	109	112	285 B	5
6	44.6B	66.5B	46.5B	66.0B	637	156	67.8	139	84.8	101	173	265 B	6
7	44.4B	66.0B	43.5B	80.0B	578	147	62.8	207	81.8	93.1	250	248 B	7
8	44.2B	66.0B	41.5B	96.0B	523	139	58.1	185	75.8	85.7	408	230 B	8
9	44.0B	66.0B	39.0B	120 B	482	130	54.2	161	72.7	80.3	386	216 B	9
10	43.8B	66.0B	37.5B	154 B	448	120	51.9	132	70.1	77.3	377	205 B	10
11	43.2B	65.5B	36.3B	188 B	428	111	49.4	111	67.4	78.4	370	190 B	11
12	42.8B	64.5B	35.0B	230 B	406	102	46.9	94.6	63.8	86.1	381	178 B	12
13	42.7B	64.2B	33.2B	280 B	438	94.5	44.0	81.7	62.6	96.4	347	166 B	13
14	42.4Z	64.0B	32.0B	290 B	588	86.5	43.3	105	67.5	98.4	335	156 B	14
15	42.2B	64.0B	31.2B	316 B	566	82.9	42.0	284	70.7	98.8	322	148 B	15
16	42.0B	64.5B	30.0B	335 B	534	78.6	41.6	341	68.1	97.6	315	138 B	16
17	41.8B	65.0B	29.2B	345 B	491	74.6	40.1	290	65.0	97.8	348	129 B	17
18	41.6B	66.0B	28.3B	347 B	444	71.7	39.5	234	63.6	98.6	388	122 B	18
19	41.5B	70.0B	27.4B	340 B	401	70.4	38.2	192	62.0	98.3	344	116 B	19
20	41.8B	73.0B	26.8B	335 B	367	73.7	36.8	161	61.2	97.0	317	111 B	20
21	42.5B	74.5B	26.3B	332 B	324	77.1	35.2	135	62.2	94.2	304	107 B	21
22	44.5B	75.2B	25.5B	335 B	298	75.4	33.3	112	64.5	89.5	278	102 B	22
23	47.5B	75.0B	24.8B	347 B	276	70.2	31.6	96.2	74.1	87.2	259	96.0B	23
24	50.0B	74.0B	24.5B	370 B	255	64.4	31.1	86.7	85.6	88.1	244	92.0B	24
25	53.5B	72.0B	24.4B	395 B	237	67.4	30.1	80.6	112	89.9	226	87.0B	25
26	55.5B	70.0B	24.5B	425 B	219	113	30.4	83.7	114	90.4	216	83.0B	26
27	60.0B	68.0B	25.0B	455 B	207	164	30.2	96.5	115	82.5	239	79.0B	27
28	65.0B	65.0B	26.0B	485	205	147	29.6	111	135	86.5	353	76.5B	28
29	66.5B	62.5B	26.8B	523	225	134	28.8	122	145	106	376	75.0B	29
30	67.5B		27.0B	569	231	122	27.2	123	140	116	367	73.0B	30
31	68.0B		27.5B		224		26.4	118		119		72.0B	31
TOTAL	1 490.3	1 863.4	1 070.3	7 965.0	13 494	3 500.9	1 504.2	4 103.4	2 577.3	3 078.7	8 553	6 179.5	TOTAL
MEAN	48.1	67.7	34.5	265	435	117	48.5	132	85.9	99.3	285	187	MEAN
MAX	68.0	75.2	59.5	569	723	212	108	341	145	136	408	360	MAX
MIN	41.5	62.5	24.4	29.5	205	84.4	26.4	25.8	61.2	77.3	106	72.0	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 148
MAXIMUM DAILY, 723 ON MAY 3
MINIMUM DAILY, 24.4B ON MAR 25
MAXIMUM INSTANTANEOUS,
726 AT 13:57 EST ON MAY 3

SUMMARY FOR THE YEAR 1988

TYPE OF GAUGE - RECORDING
LOCATION - LAT 48 18 07 N
LONG 82 02 25 W
DRAINAGE AREA, 11 900 km²

B - ICE CONDITIONS

REGULATED

MONTHLY TOTAL DISCHARGE
IN CUBIC DECAMETRES

JAN	129 000	JUL	130 000
FEB	170 000	AUG	368 000
MAR	92 500	SEP	223 000
APR	687 000	OCT	266 000
MAY	1 170 000	NOV	739 000
JUN	302 000	DEC	448 000

TOTAL DISCHARGE, 4 710 000 dam³

GULL RIVER AT NORLAND - STATION NO. 02HF002

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1988

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	14.7	15.9	12.0	32.3	42.9	14.9	22.5	12.8	11.2	11.9	8.81	18.4	1
2	15.0	17.2	11.8	32.3	38.0	13.6	22.5	12.3	13.6	11.8	8.81	18.1	2
3	15.3	18.1	11.6	33.6	35.9	13.5	22.8	11.9	16.8	11.9	8.81	17.8	3
4	15.5	18.6	11.4	40.0	33.4	13.4	22.3	11.5	17.0	12.0	8.89	17.5B	4
5	16.0B	18.6B	11.2	43.1	29.4	13.0	21.8	13.4	17.9	12.4	9.76E	17.1B	5
6	16.3B	18.2	10.7	45.3	26.0	12.8	23.8	15.0E	17.6	12.2	9.90E	17.3	6
7	16.5B	17.6	10.5	44.7	25.3	12.8	25.6	14.5	16.1	12.0	9.85E	16.9	7
8	16.5B	17.2B	10.5	43.7	23.8	12.6	24.6	14.3	13.0	11.9	10.2 E	16.6	8
9	16.3B	16.5	10.5	43.6	22.9	12.3	23.0	14.0	13.2	11.2	10.5	16.5B	9
10	16.2	15.8	10.4	43.0	21.8	14.3	21.5	13.5	13.0	10.8	10.5	16.2B	10
11	16.2	15.3	10.4	42.3	18.4	17.3	20.8	13.2	12.8	10.7	10.8	15.8B	11
12	16.1	15.0B	10.2	37.2	11.3	17.4	20.4	13.3	12.4	10.9	10.8	15.5	12
13	16.1	14.5	10.1	26.8	10.7	17.0	17.3	13.7	12.8	10.8	11.1	15.5	13
14	15.9B	14.1	10.1	21.0	10.9	16.6	15.7	13.6E	14.0	10.5	12.1	15.1	14
15	15.8	13.8	10.3	22.0	10.7	16.2	14.8	13.8	14.1	10.2	12.8	14.8	15
16	15.4	13.7B	10.1	22.3	12.2	17.7	15.3	13.8	14.0	9.51	13.3	14.4B	16
17	15.1	13.4	10.0	21.8	15.0	17.8	16.3	13.8	13.5	8.89	14.6	14.2B	17
18	15.0	13.2	9.84	20.6	21.0	17.5	17.1	13.7	13.1	8.84	15.0	14.0B	18
19	15.0	13.5	9.67	18.5	24.1	17.2	17.6	15.3	13.0	8.38	15.8	13.7	19
20	15.7	13.7	9.62	18.2	26.3	17.3	17.6	16.8	12.7	7.14	16.4	13.6	20
21	15.7	13.6	9.48	16.3	32.2	17.7	17.7	15.8	12.7	6.86	16.8	13.5	21
22	15.7	13.1	9.86	17.8	28.8	18.1	17.8	14.7	12.5	8.47	16.5	13.4	22
23	15.8	13.0	9.99	22.2	29.7	20.8	18.0	17.6	12.5	8.27	20.5	13.1	23
24	15.8	12.8	10.5	29.3	29.8	22.5	19.0	19.3	12.4	8.36	20.9	13.1	24
25	15.8	12.8	11.5	32.7	29.8	22.9	19.0	17.7	12.0	8.46	19.5	13.1	25
26	15.4	12.7	13.4	40.8	28.7	23.2	18.2	13.7	11.6	8.76	18.4	13.2	26
27	15.0	12.8	16.3	48.7	24.3	23.5	14.1	11.4	11.8	8.86	18.7	13.2	27
28	14.8B	12.3	22.8	45.6	21.3	23.0	14.2	11.6	12.0	7.15	18.3	13.5	28
29	14.7B	12.0	27.7	45.1	21.6	22.7	14.0	11.6	12.0	7.51	18.4	13.5	29
30	14.5		29.1	44.0	21.4	22.8	13.6	11.2	12.2	7.70	18.3	13.3	30
31	14.8		31.5		19.1		13.4	11.0		8.02		13.3B	31
TOTAL	483.4	428.2	403.38	881.7	749.3	522.6	580.5	430.2	401.8	280.30	430.62	485.5	TOTAL
MEAN	15.6	14.8	13.0	33.1	24.2	17.4	18.7	13.8	13.4	9.36	14.4	15.0	MEAN
MAX	16.5	18.6	31.5	48.7	42.9	23.5	25.6	19.3	17.9	12.4	20.9	18.4	MAX
MIN	14.5	12.0	9.48	16.3	10.7	12.3	13.4	11.0	11.2	6.27	8.81	13.1	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 18.9
MAXIMUM DAILY, 45.7 ON APR 27
MINIMUM DAILY, 6.27 ON OCT 23
MAXIMUM INSTANTANEOUS,
48.1 AT 11:25 EST ON APR 6

SUMMARY FOR THE YEAR 1988

TYPE OF GAUGE - RECORDING
LOCATION - LAT 44 43 55 N
LONG 78 48 05 W
DRAINAGE AREA, 1 260 km²

B - ICE CONDITIONS
E - ESTIMATED
REGULATED

MONTHLY TOTAL DISCHARGE
IN CUBIC DECAMETRES

JAN	41 600	JUL	50 200
FEB	37 100	AUG	37 200
MAR	34 800	SEP	34 700
APR	85 700	OCT	28 100
MAY	84 700	NOV	37 200
JUN	65 20[illegible]	DEC	40 200

TOTAL DISCHARGE, 534 000 dam³

HALFWAY CREEK AT MOOSONEE - STATION NO. 04KA002

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1988

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	0.2388	0.0818	0.0648	0.0708	5.108	4.81	1.08	0.390	0.358	3.04	2.228	1.51	1
2	0.228	0.0788	0.0648	0.0748	10.8	4.10	0.882	0.383	0.355	2.91	2.08	1.48	2
3	0.211	0.0788	0.0648	0.0788	15.7	3.68	0.800	0.325	0.384	2.68	1.95	1.42	3
4	0.200	0.0778	0.0648	0.0828	15.8	3.32	0.946	0.303	0.375	2.39	1.91	1.38 B	4
5	0.183	0.0788	0.0638	0.088	15.3	3.95	0.873	0.271	0.384	2.11	1.75	1.38 B	5
6	0.175	0.0788	0.0638	0.104	13.3	3.85	0.828	1.05	0.381	1.94	2.11	1.32 B	6
7	0.163	0.0748	0.0638	0.106	11.9	3.36	1.81	3.14	0.318	1.82	3.26	1.27	7
8	0.1578	0.0738	0.0628	0.111	10.8	2.12	1.97	3.70	0.282	1.71	3.82	1.20 B	8
9	0.1508	0.0738	0.0628	0.138	10.3	1.86	1.92	3.49 A	0.268	1.58	3.80	1.10 B	9
10	0.1448	0.0728	0.0628	0.150	10.9	1.80	1.80	2.98 E	0.284	1.40	3.83	1.00 B	10
11	0.1388	0.0728	0.0628	0.150	10.8	1.85	1.41	2.64 E	0.281	1.36	3.64	0.9208	11
12	0.1338	0.0718	0.0628	0.181	10.3	1.37	1.25	2.24 E	0.362	1.76	3.37	0.8508	12
13	0.1288	0.0718	0.0628	0.728	9.84	1.34	1.12	1.85 E	0.878	2.37	3.15	0.7908	13
14	0.123	0.0708	0.0628	0.856	9.13	1.34	1.34	1.61 E	1.14	2.82	3.00	0.7368	14
15	0.119	0.0708	0.0618	0.730	8.60	1.27	1.82	1.30 E	1.07	2.93	2.95	0.6708	15
16	0.1178	0.0688	0.0618	1.04	8.21	1.42	1.40	1.11 A	0.942	3.03	3.11	0.6108	16
17	0.1128	0.0688	0.0618	1.37	8.05	1.42	1.30	0.948	0.788	3.15	3.97	0.5808	17
18	0.1088	0.0688	0.0608	1.13	7.59	1.34	1.48	0.771	0.739	3.32	4.10	0.5208	18
19	0.1068	0.0688	0.0608	0.842	7.18	1.43	1.27	0.647	0.701	3.41	3.84	0.4808	19
20	0.1038	0.0688	0.0608	1.30	8.73	1.47	0.876	0.570	1.05	3.27	3.68	0.4408	20
21	0.1008	0.0678	0.0608	1.58	8.08	1.82	0.773	0.500	2.36	3.05	3.41	0.4008	21
22	0.0988	0.0678	0.0608	1.68	5.86	1.78	0.867	0.437	3.35	2.82	3.11	0.380	22
23	0.0978	0.0678	0.0608	1.84	5.13	1.88	0.582	0.418	3.73	2.86	2.85	0.371	23
24	0.0958	0.0668	0.0608	2.04	5.10	1.80	0.473	0.381	3.86	2.48	2.67	0.330	24
25	0.0928	0.0668	0.0618	2.21	5.09	1.59	0.433	0.347	3.87	2.34	2.48	0.311	25
26	0.0818	0.0668	0.0628	2.07	4.85	1.52	0.382	0.352	3.90	2.35	2.38	0.283	26
27	0.0808	0.0658	0.0638	2.30 B	4.67	1.47	0.388	0.372	3.88	2.32	2.11	0.277	27
28	0.0878	0.0658	0.0638	2.48 B	4.28	1.35	0.375	0.328	3.41	2.48	1.77	0.282	28
29	0.0868	0.0658	0.0648	2.77 B	4.15	1.27	0.368	0.357	3.21	2.83	1.858	0.2508	29
30	0.0848		0.0658	3.88 B	4.88	1.18	0.386	0.368	3.16	2.31	1.588	0.2428	30
31	0.0838		0.0668		5.28		0.422	0.354		2.428		0.2388	31
TOTAL	4.062	2.047	1.926	32.391	283.13	88.04	31.013	33.737	45.080	78.71	85.67	22.951	TOTAL
MEAN	0.130	0.071	0.062	1.08	8.49	1.87	1.00	1.08	1.53	2.47	2.86	0.740	MEAN
MAX	0.239	0.081	0.065	3.88	15.8	4.81	1.97	3.70	3.90	3.41	4.10	1.51	MAX
MIN	0.083	0.065	0.060	0.070	4.15	1.18	0.368	0.271	0.281	1.38	1.58	0.238	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 1.60
MAXIMUM DAILY, 15.8 ON MAY 4
MINIMUM DAILY, 0.0608 ON MAR 18
MAXIMUM INSTANTANEOUS,
15.8 AT 00:24 EST ON MAY 4

SUMMARY FOR THE YEAR 1988

TYPE OF GAUGE - RECORDING
LOCATION - LAT 51 15 18 N
LONG 80 38 14 W
DRAINAGE AREA, 133 km²
A - MANUAL GAUGE
B - ICE CONDITIONS
E - ESTIMATED
NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	348	JUL	2 680
FEB	177	AUG	2 910
MAR	166	SEP	3 860
APR	2 800	OCT	6 830
MAY	22 780	NOV	7 400
JUN	8 100	DEC	1 980

TOTAL DISCHARGE, 85 800 dam³

HARMONY CREEK AT OSHAWA - STATION NO. 02HD013

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1988

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	0.1588	0.7508	0.1438	0.558	0.311	0.048	0.050	0.048	0.058	0.051	0.128	0.184	1
2	0.1558	0.4408	0.2208	0.581	0.228	0.038	0.044	0.045	0.028	0.436	0.118	0.177	2
3	0.1488	0.3008	0.1808	1.88	0.218	0.348	0.038	0.030	0.1*5	0.086	0.102	0.188	3
4	0.1388	0.1808	0.1558	2.28	0.191	0.088	0.035	0.028	1.11	0.053	0.143	0.1188	4
5	0.1328	0.1408	0.2438	1.04	0.185	0.058	0.033	0.028	0.218	0.095	1.14	0.118	5
6	0.1258	0.1258	0.5368	0.848	0.147	0.045	0.030	0.025	0.058	0.088	0.818	0.117	6
7	0.1208	0.1108	1.41 B	0.898	0.133	0.045	0.030	0.023	0.041	0.151	0.507	0.120	7
8	0.1158	0.1008	1.15 B	0.837	0.124	0.044	0.028	0.025	0.037	0.088	0.744	0.0778	8
9	0.1108	0.0908	1.83 B	0.467	0.181	0.038	0.022	0.021	0.041	0.081	0.534	0.0878	9
10	0.1058	0.0808	1.35 B	0.381	0.156	0.043	0.021	0.017	0.035	0.494	0.842	0.0828	10
11	0.1048	0.0788	1.00 B	0.328	0.128	0.043	0.055	0.048	0.037	0.154	0.407	0.0768	11
12	0.1038	0.0758	0.7008	0.288	0.112	0.044	0.154	0.025	0.034	0.088	0.275	0.0888	12
13	0.1028	0.0738	0.4608	0.271	0.153	0.042	0.025	0.021	0.044	0.067	1.04	0.0888	13
14	0.1018	0.0708	0.3858	0.782	0.103	0.035	0.025	0.041	0.032	0.058	0.662	0.0828	14
15	0.0988	0.8008	0.3708	0.978	0.214	0.033	0.020	0.088	0.030	0.067	0.341	0.0688	15
16	0.0878	0.7008	0.3808	0.441	0.648	0.038	0.087	0.020	0.027	0.062	0.344	0.0528	16
17	0.2008	0.6258	0.4508	0.355	0.228	0.034	0.306	0.242	0.474	0.078	0.306	0.0488	17
18	0.7008	0.5858	0.5508	0.837	0.188	0.031	0.035	0.033	0.081	0.472	0.248	0.0458	18
19	0.2508	0.7008	0.4008	0.385	0.535	0.032	0.027	0.018	0.043	0.132	0.212	0.0418	19
20	1.10 B	2.00 B	0.3108	0.488	0.808	0.031	0.026	0.015	0.351	0.092	0.588	1.17 B	20
21	0.5608	1.28 B	0.2508	0.550	0.338	0.028	0.027	0.013	0.050	0.192	0.652	0.5368	21
22	0.4008	2.51 B	0.2008	0.368	0.223	3.08	0.022	0.013	0.040	0.688	0.341	0.1348	22
23	0.3008	3.28 B	1.08 B	0.288	0.159	0.858	0.022	0.056	0.698	0.340	0.306	1.84 B	23
24	0.2408	0.8648	2.84	0.285	0.130	0.163	0.280	0.398	0.065	0.431	0.280	0.8498	24
25	0.1808	0.4258	4.12	0.209	0.140	0.104	0.092	0.702	0.051	0.427	0.284	0.3408	25
26	0.1658	0.2438	3.78	0.378	0.088	0.067	2.02	0.382	0.045	0.276	0.246	0.1968	26
27	0.1558	0.2008	1.33	0.385	0.070	0.058	0.342	0.081	0.310	0.206	0.251	0.8708	27
28	0.1508	0.1658	0.8478	0.385	0.074	0.058	0.242	0.082	0.118	0.322	0.247	2.24 B	28
29	0.1488	0.1508	0.893	0.868	0.071	0.054	0.086	0.048	0.054	0.178	0.218	0.4538	29
30	0.5008		0.805	0.438	0.058	0.061	0.370	0.031	0.057	0.144	0.208	0.2578	30
31	1.20 B		0.568		0.047		0.077	0.031		0.131		0.1438	31
TOTAL	8.170	17.140	27.185	18.440	8.036	5.893	4.667	2.847	4.785	6.162	12.432	10.332	TOTAL
MEAN	0.264	0.591	0.877	0.615	0.195	0.190	0.151	0.085	0.146	0.199	0.614	0.333	MEAN
MAX	1.20	3.28	4.12	2.28	0.808	3.08	2.02	0.702	1.11	0.688	1.14	2.24	MAX
MIN	0.087	0.070	0.143	0.209	0.047	0.028	0.020	0.013	0.027	0.051	0.102	0.041	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 0.337
MAXIMUM DAILY, 4.12 ON MAR 25
MINIMUM DAILY, 0.013 ON AUG 21
MAXIMUM INSTANTANEOUS,
21.8 AT 20:10 EST ON JUN 22

SUMMARY FOR THE YEAR 1988

TYPE OF GAUGE - RECORDING
LOCATION - LAT 43 53 15 N
LONG 78 45 30 W
DRAINAGE AREA, 41.6 km²

B - ICE CONDITIONS

NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	705	JUL	403
FEB	1 480	AUG	229
MAR	2 350	SEP	378
APR	1 990	OCT	634
MAY	522	NOV	1 070
JUN	492	DEC	893

TOTAL DISCHARGE, 10 600 dam³

HIGHLAND CREEK NEAR WEST HILL - STATION NO. 02HC013

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1988

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	---	---	0.480E	0.807	0.705	0.567	0.374	0.609	0.404	0.531	0.477	0.462	1
2	---	---	0.497E	0.585	0.648	0.487	0.358	0.486	0.387	5.70	0.432	0.490	2
3	---	---	0.606	9.90	0.609	0.883	0.357	0.470	1.37	0.889	0.393	0.445	3
4	---	0.539B	0.504	3.37	0.643	0.526	0.370	0.502	10.0	8.24	0.846	0.398	4
5	---	0.475B	1.12	1.25	0.628	0.462	0.435	0.503	1.54	1.41	7.75	0.445	5
6	---	0.412B	2.36	0.862	0.607	0.716	0.517E	0.502	0.522	0.612	1.58	0.597	6
7	---	0.400B	3.22	0.861	0.585	0.717	0.440E	0.458	0.474	0.718	1.25	0.527	7
8	---	0.405B	1.74	1.06	0.552	0.481	0.418	0.432	0.401	1.00	2.98	0.457	8
9	---	0.462	2.54	0.861	0.733	0.448	0.406	0.461	0.410	0.457	0.920E	0.481	9
10	---	0.484	1.38	0.817	1.07	0.432	0.398	0.448	0.403	2.08	2.81	0.3188	10
11	---	0.450	1.03	0.621	0.585	0.436	0.883	0.868	0.387	0.789	0.611	0.3068	11
12	---	0.423	0.736	0.618	0.564	0.432	1.88	0.514	0.372	0.444	0.406	0.3338	12
13	---	0.408	1.38	0.784	0.738	0.432	0.405E	0.469	1.10	0.382	8.34	0.442	13
14	---	0.387	0.723	5.72	0.585	0.459	0.830E	0.554	0.408	0.400	1.01	0.8808	14
15	---	5.00 B	0.481	1.38	2.65	0.462	0.403	0.715	0.417	0.412	0.884	1.56	15
16	---	1.50	0.488	0.732	5.26	0.810	2.42	0.426	0.400	0.387	0.880	0.479	16
17	---	1.01	0.531	0.707	1.31	0.432	4.30	3.41	5.26	0.842	1.06	0.448	17
18	---	1.18	0.804	2.02	0.616	0.465	0.557	0.537	0.803	5.84	0.627	0.428	18
19	---	2.12	0.478	0.886	5.12	0.416	0.485	0.439	0.462	0.618	0.536	0.577	19
20	---	5.43	0.449	1.21	1.62	0.400	0.440	0.388	0.887	0.449	4.88	2.00 B	20
21	---	0.800	0.375	1.05	0.806	0.428	2.31	0.374	0.388	1.61	1.40 E	0.702	21
22	---	3.00	0.376	0.618	0.841	5.22	1.04	0.373	0.388	4.32	0.886E	0.383	22
23	---	4.05	0.837	0.976	0.592	0.836	0.575	1.06	3.88	1.21	0.881	3.42	23
24	---	0.807	2.73	0.612	0.581	0.435	2.42	2.20	0.485	2.27	0.582	1.06	24
25	---	0.553	4.38	0.554	1.45	0.388	1.55	1.51	0.428	1.88	0.548	0.888	25
26	---	0.469	3.12	1.76	0.586	0.388	5.42	0.589	0.433	1.22	0.504	0.450	26
27	---	0.860	1.83	1.87	0.553	0.384	2.04	0.417	1.88	0.588	1.00	4.46	27
28	---	0.617	0.787	1.18	0.574	0.395	0.640	0.482	1.20	0.880	0.508	4.55	28
29	---	0.551	0.816	3.11	0.525	0.385	0.480	0.393	0.485	0.477	0.478	0.588	29
30	---		0.723	0.946	0.517	0.362	1.74	0.383	0.445	0.417	0.484	0.470	30
31	---		0.830		0.588		0.892	0.382		0.417		0.448	31
TOTAL	---	---	38.333	43.695	33.169	20.468	35.878	21.361	38.679	58.470	42.808	29.853	TOTAL
MEAN	---	---	1.24	1.42	1.07	0.683	1.16	0.690	1.23	1.88	1.43	0.953	MEAN
MAX	---	---	4.38	5.72	5.26	5.22	5.42	3.41	10.0	8.24	7.75	4.55	MAX
MIN	---	---	0.375	0.554	0.517	0.384	0.358	0.373	0.372	0.387	0.383	0.306	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MAXIMUM INSTANTANEOUS,
91.7 AT 16:58 EST ON OCT 4

SUMMARY FOR THE YEAR 1988

TYPE OF GAUGE - RECORDING
LOCATION - LAT 43 46 45 N
LONG 79 10 26 W
DRAINAGE AREA, 68.1 km²

B - ICE CONDITIONS
E - ESTIMATED
NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	---	JUL	3 070
FEB	---	AUG	1 880
MAR	3 310	SEP	3 190
APR	3 690	OCT	4 180
MAY	2 870	NOV	3 700
JUN	1 770	DEC	2 580

HOG CREEK NEAR VICTORIA HARBOUR - STATION NO. 02ED017

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1988

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	---	---	---	---	---	---	0.091	0.073	B.118	0.187	0.384	0.320	1
2	---	---	---	---	---	---	0.084	0.068	B.100	0.261	0.439	0.335	2
3	---	---	---	---	---	---	0.082	0.068	B.100	0.317	0.378	0.313	3
4	---	---	---	---	---	---	0.078	0.065	B.182	0.261	0.362	0.277	4
5	---	---	---	---	---	---	0.078	0.068	0.334	0.344	0.445	0.278	5
6	---	---	---	---	---	---	0.072	0.066	0.276	0.337	0.703	0.302	6
7	---	---	---	---	---	---	0.070	0.063	0.181	0.328	0.486	0.315	7
8	---	---	---	---	---	---	0.068	0.063	0.183	0.263	0.407	0.273	8
9	---	---	---	---	---	---	0.083	0.061	0.135	0.240	0.505	0.2688	9
10	---	---	---	---	---	---	0.084	0.064	0.126	0.257	0.783	0.2628	10
11	---	---	---	---	---	---	0.188	0.066	0.111	0.359	0.895	0.2388	11
12	---	---	---	---	---	---	0.141	0.080	0.106	0.475	0.578	0.2188	12
13	---	---	---	---	---	---	0.104	0.073	0.111	0.360	0.885	0.221	13
14	---	---	---	---	---	---	0.089	0.072	0.113	0.322	0.623	0.238	14
15	---	---	---	---	---	---	0.089	0.072	0.108	0.272	0.480	0.268	15
16	---	---	---	---	---	---	0.088	0.074	0.108	0.254	0.388	0.253	16
17	---	---	---	---	---	---	0.084	0.084	0.136	0.265	0.362	0.253	17
18	---	---	---	---	---	---	0.080	0.087	0.184	0.362	0.344	0.254	18
19	---	---	---	---	---	---	0.076	0.086	0.185	0.373	0.323	0.256	19
20	---	---	---	---	---	---	0.088	0.082	0.188	0.318	0.347	0.3068	20
21	---	---	---	---	---	---	0.086	B.074	0.181	0.305	0.543	0.4208	21
22	---	---	---	---	---	0.128A	0.073	B.071	0.181	0.313	0.428	0.8808	22
23	---	---	---	---	---	0.127	0.125	B.068	0.238	0.324	0.384	0.396	23
24	---	---	---	---	---	0.104	0.117	B.080	0.238	0.368	0.341	0.414	24
25	---	---	---	---	---	0.101	0.103	B.101	0.188	0.513	0.341	0.396	25
26	---	---	---	---	---	0.101	0.080	0.148	0.178	0.771	0.318	0.3508	26
27	---	---	---	---	---	0.081	0.083	0.130	0.178	0.615	0.382	0.3608	27
28	---	---	---	---	---	0.080	0.078	0.110	0.182	0.486	0.333	0.676	28
29	---	---	---	---	---	0.088	0.073	0.101	0.176	0.406	0.340	0.686	29
30	---		---	---	---	0.083	0.070	0.111	0.180	0.404	0.328	0.484	30
31	---		---		---		0.072	0.167		0.390		0.4068	31
TOTAL	---	---	---	---	---	---	2.700	2.888	5.204	11.037	12.549	11.047	TOTAL
MEAN	---	---	---	---	---	---	0.087	0.088	0.173	0.356	0.482	0.356	MEAN
MAX	---	---	---	---	---	---	0.188	0.167	0.834	0.771	0.895	0.820	MAX
MIN	---	---	---	---	---	---	0.072	0.063	0.100	0.187	0.319	0.216	MIN

SUMMARY FOR THE YEAR 1988

TYPE OF GAUGE - RECORDING
LOCATION - LAT 44 43 33 N
LONG 79 48 45 W
DRAINAGE AREA, 85.2 km²
A - MANUAL GAUGE
B - ICE CONDITIONS

NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	---	JUL	333
FEB	---	AUG	231
MAR	---	SEP	460
APR	---	OCT	954
MAY	---	NOV	1 170
JUN	---	DEC	954

REMARKS - STATION ACTIVATED JUN 1988

HOLLAND RIVER AT HOLLAND LANDING - STATION NO. 02EC009

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1988

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	0.3638	3.08	0.3818	1.72	1.36	0.388	0.204	0.304	0.333	0.335	0.446	0.5128	1
2	0.3648	1.05 B	0.4408	1.84	1.09	0.388	0.188	0.280	0.328	1.78	0.447	0.4658	2
3	0.3478	0.6908	0.3788	3.54	0.875	0.388	0.188	0.244	0.354	1.18	0.437	0.4158	3
4	0.3358	0.6858	0.3418	7.41	0.885	0.333	0.181	0.279	3.06	0.878	0.889	0.3758	4
5	0.3238	0.8358	0.3138	3.70	0.781	0.334	0.180	0.427	5.20	0.883	1.75	0.3428	5
6	0.3138	0.5008	0.7108	2.82	0.754	0.335	0.188	0.288	1.05	0.807	2.82	0.3838	6
7	0.3618	0.4728	1.92 B	2.54	0.723	0.348	0.144	0.250	0.821	0.868	1.70	0.3278	7
8	0.3858	0.4488	2.83 B	2.16	0.734	0.338	0.128	0.238	0.497	0.757	1.24	0.3188	8
9	0.3618	0.4268	5.05	1.73	0.679	0.340	0.123	0.248	0.384	0.688	1.14	0.2848	9
10	0.3398	0.4108	4.58	1.48	0.977	0.344	0.118	0.244	0.311	0.488	1.83	0.2318	10
11	0.3708	0.4008	3.40 B	1.37	0.840	0.308	0.131	0.283	0.284	0.542	1.28	0.2028	11
12	0.3798	0.3918	2.50 B	1.23	0.711	0.308	0.148	0.821	0.277	0.758	0.878	0.1718	12
13	0.3738	0.3828	1.50 B	1.19	0.848	0.278	0.136	0.382	0.353	0.533	2.42	0.1848	13
14	0.3788	0.3748	1.20 B	0.890	0.842	0.253	0.140	0.247	0.327	0.438	1.81	0.1898	14
15	0.3858	1.05 B	0.8808	1.38	0.803	0.243	0.130	0.251	0.287	0.387	1.18	0.3328	15
16	0.3108	1.27 B	0.8488	1.18	3.23	0.227	0.132	0.256	0.287	0.413	0.801	0.2158	16
17	0.8858	0.8508	0.7808	1.17	2.01	0.211	0.140	1.35	0.643	0.382	0.843	0.3048	17
18	3.58 B	0.6358	0.8508	1.50	1.37	0.201	0.186	0.633	0.434	1.48	0.738	0.1878	18
19	1.83	0.6058	0.7088	1.21	1.28	0.182	0.174	0.287	0.318	0.926	0.851	0.1818	19
20	2.21	0.7808	0.5808	1.08	1.81	0.175	0.167	0.383	0.369	0.831	1.41	0.4708	20
21	3.85	0.5858	0.5308	1.21	1.82	0.188	0.201	0.248	0.331	0.535	2.87	0.6788	21
22	0.8808	0.8008	0.4958	0.885	1.15	1.11	0.418	0.231	0.307	0.808	1.38	0.4068	22
23	0.5508	1.88 B	2.00 B	1.01	0.878	1.42	0.274	0.232	0.818	0.637	0.8508	0.7038	23
24	0.4808	0.8258	13.0 B	1.08	0.887	0.468	0.250	0.286	0.467	0.817	0.818	0.8838	24
25	0.4458	0.7108	7.51	0.848	0.590	0.338	0.400	2.08	0.338	0.780	0.738	0.4708	25
26	0.4138	0.5758	8.05	1.00	0.524	0.318	1.78	1.15	0.324	0.808	0.710	0.3788	26
27	0.3888	0.4858	4.71	1.17	0.478	0.290	1.38	0.480	0.314	0.538	0.713	0.5108	27
28	0.3648	0.4158	2.40	1.48	0.481	0.278	0.444	0.378	0.370	0.578	0.882	1.48 B	28
29	0.3488	0.3788	2.31	1.81	0.438	0.258	0.280	0.338	0.338	0.514	1.01	0.6958	29
30	0.4058		2.42	2.10	0.414	0.233	0.288	0.288	0.307	0.488	0.818	0.5308	30
31	1.78 B		2.08		0.405		0.513	0.248		0.442		0.4558	31
TOTAL	31.884	32.718	75.838	53.884	30.375	10.748	9.347	13.158	10.181	20.830	35.074	12.778	TOTAL
MEAN	0.888	0.778	2.45	1.80	0.880	0.358	0.302	0.424	0.838	0.672	1.17	0.412	MEAN
MAX	3.58	3.08	12.0	7.41	3.23	1.42	1.78	3.06	5.20	1.78	2.82	1.48	MAX
MIN	0.328	0.374	0.313	0.880	0.405	0.188	0.118	0.231	0.228	0.338	0.437	0.184	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 0.889
MAXIMUM DAILY, 12.08 ON MAR 24
MINIMUM DAILY, 0.118 ON JUL 10

SUMMARY FOR THE YEAR 1988

TYPE OF GAUGE - RECORDING
LOCATION - LAT 44 05 41 N
LONG 79 28 24 W
DRAINAGE AREA, 181 km²

B - ICE CONDITIONS

NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	1 670	JUL	808
FEB	1 830	AUG	1 140
MAR	8 580	SEP	1 880
APR	4 880	OCT	1 800
MAY	2 630	NOV	3 030
JUN	928	DEC	1 100

TOTAL DISCHARGE, 28 100 dam³

HOLTBY DRAIN AT CONCESSION #7 - STATION NO. 02EC032

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1988

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	---	---	---	---	---	---	---	0	0	0	0.008E	0.023E	1
2	---	---	---	---	---	---	---	0	0	0	0.008E	0.023E	2
3	---	---	---	---	---	---	---	0	0	0	0.008E	0.022E	3
4	---	---	---	---	---	---	---	0	0	0	0.009E	0.017E	4
5	---	---	---	---	---	---	---	0	0	0	0.051E	0.015E	5
6	---	---	---	---	---	---	---	0	0	0	0.104E	0.014E	6
7	---	---	---	---	---	---	---	0	0	0	0.113E	0.015E	7
8	---	---	---	---	---	---	---	0	0	0	0.101E	0.012E	8
9	---	---	---	---	---	---	---	0	0	0	0.071E	0.010E	9
10	---	---	---	---	---	---	---	0	0	0	0.114E	0.008E	10
11	---	---	---	---	---	---	---	0	0	0	0.055E	0.004E	11
12	---	---	---	---	---	---	---	0	0	0	0.051E	0.003E	12
13	---	---	---	---	---	---	---	0	0	0	0.346E	0.003E	13
14	---	---	---	---	---	---	---	0	0	0	0.088E	0.003E	14
15	---	---	---	---	---	---	---	0	0	0	0.058E	0.004E	15
16	---	---	---	---	---	---	---	0	0	0	0.043E	0.003E	16
17	---	---	---	---	---	---	---	0	0	0	0.038E	0.002E	17
18	---	---	---	---	---	---	---	0	0	0.028E	0.028E	0.001E	18
19	---	---	---	---	---	---	---	0	0	0.032E	0.026E	0.001E	19
20	---	---	---	---	---	---	---	0	0	0.014E	0.188E	0.015E	20
21	---	---	---	---	---	---	---	0	0	0.013E	0.387E	0.018E	21
22	---	---	---	---	---	---	---	0	0	0.058E	0.078E	0.009E	22
23	---	---	---	---	---	---	---	0	0	0.029E	0.063E	0.061E	23
24	---	---	---	---	---	---	---	0	0	0.048E	0.040E	0.032E	24
25	---	---	---	---	---	---	---	0	0	0.048E	0.032E	0.021E	25
26	---	---	---	---	---	---	---	0	0	0.027E	0.028E	0.018E	26
27	---	---	---	---	---	---	---	0	0	0.017E	0.028E	0.182E	27
28	---	---	---	---	---	---	---	0	0	0.025E	0.024E	0.081E	28
29	---	---	---	---	---	---	---	0	0	0.017E	0.022E	0	29
30	---		---	---	---	---	0	0	0	0.009E	0.023E	0	30
31	---		---		---		0	0		0.009E		0.002E	31
TOTAL	---	---	---	---	---	---	---	0	0	0.388	2.017	0.805	TOTAL
MEAN	---	---	---	---	---	---	---	0	0	0.012	0.067	0.020	MEAN
MAX	---	---	---	---	---	---	---	0	0	0.058	0.387	0.182	MAX
MIN	---	---	---	---	---	---	---	0	0	0	0.008	0	MIN

SUMMARY FOR THE YEAR 1988

TYPE OF GAUGE - RECORDING
LOCATION - LAT 43 53 00 N
LONG 81 07 53 W
DRAINAGE AREA, 3.17 km²

E - ESTIMATED
NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	---	JUL	---
FEB	---	AUG	0
MAR	---	SEP	0
APR	---	OCT	31.8
MAY	---	NOV	174
JUN	---	DEC	53.3

REMARKS - STATION ACTIVATED JUL 1988

HORNER CREEK NEAR PRINCETON - STATION NO. 02CB006

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1988

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	2.708	2.47 B	0.933B	3.68	1.46	0.488	0.131	0.473	0.139E	0.135	0.612	1.28	1
2	2.508	3.57 B	1.14 B	3.43	1.28	0.466	0.094	0.358	0.134E	0.167	0.650	1.16	2
3	2.308	3.23 B	1.46 B	3.37	1.18	0.454	0.028	0.330	0.141E	0.198	0.940	1.08	3
4	2.158	2.50 B	1.40 B	4.06	1.08	0.437	0.078	0.295	0.17uE	0.228	0.814	0.980	4
5	2.008	2.01 B	1.35 B	8.01	0.994	0.398	0.069	0.270	0.201E	0.235	0.843	0.918	5
6	1.908	1.83 B	1.30 B	4.88	0.938	0.378	0.078	0.285	0.204E	0.225	0.776	0.877	6
7	1.808	1.62 B	1.76 B	3.98	0.828	0.380	0.065	0.240	0.200E	0.220	1.28	0.840	7
8	1.708	1.48 B	2.75	3.26	0.773	0.361	0.028	0.227	0.182E	0.239	1.82	0.784	8
9	1.588	1.37 B	5.05	2.83	0.761	0.358	0.016	0.206	0.184E	0.244	1.61	0.747	9
10	1.638	1.31 B	9.38	2.45	0.848	0.344	0.030	0.238	0.161E	0.241	1.78	0.7288	10
11	1.618	1.27 B	8.33	2.16	0.870	0.310	0.088	0.231	0.145E	0.244	1.88	0.7088	11
12	1.688	1.22 B	5.46	1.91	0.817	0.302	0.101	0.230	0.144E	0.528	2.16	0.6988	12
13	1.648	1.18 B	4.58	1.78	0.728	0.301	0.091	0.235	0.141E	0.882	2.36	0.6828	13
14	1.558	1.15 B	3.85	1.84	0.685	0.277	0.118	0.241	0.138E	0.803	2.38	0.6728	14
15	1.528	1.22 B	2.93	1.82	0.877	0.264	0.114	0.228	0.134E	0.426	2.86	0.6848	15
16	1.518	1.28 B	2.48	1.56	1.10	0.244	0.167	0.206	0.130E	0.385	2.86	0.6588	16
17	1.488	1.23 B	2.15	1.53	1.47	0.233	0.278	0.195	0.162E	0.340	2.40	0.6518	17
18	2.228	1.21 B	1.92	1.52	1.44	0.220	0.251	0.194	0.164E	0.456	2.04	0.6448	18
19	2.318	1.18 B	1.80	1.52	1.30	0.191	0.277	0.168	0.163E	0.697	1.73	0.6428	19
20	3.508	1.13 B	1.71	1.56	1.29	0.203	0.258	0.166	0.161E	0.791	1.88	0.7208	20
21	3.118	1.12 B	1.58	1.54	1.37	0.193	0.230	0.152	0.160E	0.677	1.86	1.18	21
22	2.808	1.11 B	1.44	1.46	1.47	0.206	0.218	0.140	0.159E	0.586	2.53	1.22	22
23	2.228	1.10 B	1.48	1.46	1.48	0.217	0.267	0.144	0.162E	0.537	2.86	0.861	23
24	1.978	1.06 B	2.54	1.46	1.34	0.207	0.281	0.158	0.160E	0.547	2.63	1.28	24
25	1.718	1.02 B	4.48	1.53	1.11	0.206	0.260	0.181	0.174E	0.580	2.26	2.08	25
26	1.528	0.9988	7.65	1.42	0.963	0.206	0.264	0.157A	0.168E	0.656	1.98	1.30 E	26
27	1.438	0.8888	12.2	1.33	0.867	0.186	0.237	0.153E	0.159E	0.776	1.76	1.34 E	27
28	1.398	0.8888	7.44	1.28	0.723	0.176	0.260	0.152E	0.151A	0.805	1.56	2.00 E	28
29	1.338	0.8958	5.06	1.33	0.861	0.167	0.224	0.150E	0.139	0.775	1.53	3.00 E	29
30	1.318		4.44	1.46	0.584	0.133	0.218	0.148E	0.137	0.766	1.42	2.70 E	30
31	1.748		4.27		0.538		0.427	0.146E		0.883		2.50 E	31
TOTAL	80.87	42.438	114.163	69.35	31.637	8.505	5.224	5.609	4.787	14.626	52.626	38.698	TOTAL
MEAN	1.98	1.46	3.88	2.31	1.02	0.284	0.169	0.213	0.160	0.472	1.76	1.15	MEAN
MAX	3.50	3.57	12.2	8.01	1.48	0.488	0.427	0.473	0.204	0.805	2.86	3.00	MAX
MIN	1.31	0.855	0.933	1.28	0.538	0.133	0.018	0.140	0.130	0.135	0.614	0.842	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 1.33
MAXIMUM DAILY, 12.2 ON MAR 27
MINIMUM DAILY, 0.818 ON JUL 5
MAXIMUM INSTANTANEOUS,
14.7 AT 03:45 EST ON MAR 27

SUMMARY FOR THE YEAR 1988

TYPE OF GAUGE - RECORDING
LOCATION - LAT 49 10 30 N
LONG 80 33 12 W
DRAINAGE AREA, 150 km²
A - MANUAL GAUGE
B - ICE CONDITIONS
E - ESTIMATED
REGULATED

MONTHLY TOTAL DISCHARGE
IN CUBIC DECAMETRES

JAN 5 240	JUL 481
FEB 3 870	AUG 871
MAR 9 880	SEP 414
APR 5 980	OCT 1 280
MAY 2 730	NOV 4 580
JUN 735	DEC 3 080

TOTAL DISCHARGE, 38 800 dam³

NUMBER RIVER AT ELDER MILLS - STATION NO. 03HC025

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1988

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	1.60 B	3.508	1.868	3.72	2.06	1.06	0.626	1.02	0.763	1.06	1.32	1.48	1
2	1.58 B	5.328	1.808	3.65	2.57	1.04	0.766	0.947	0.712	1.64	1.30	1.44	2
3	1.48 B	4.208	1.568	4.63	2.37	1.09	0.770	0.885	0.731	2.46	1.27	1.45	3
4	1.38 B	3.308	1.528	10.1	2.12	1.07	0.746	1.01	1.85	1.80	1.28	1.29	4
5	1.28 B	3.008	1.808	7.02	1.88	1.04	0.717	0.921	3.09	1.58	1.37	1.36	5
6	1.20 B	2.758	2.008	5.74	1.88	0.841	0.687	0.844	2.53	1.43	2.50	1.41	6
7	1.13 B	2.608	2.508	5.12	1.83	0.831	0.650	0.747	1.56	1.26	2.04	1.44	7
8	1.10 B	2.458	4.008	4.80	1.73	1.03	0.620	0.704	1.29	1.18	2.13	1.35	8
9	1.05 B	2.358	7.008	3.81	1.72	1.08	0.624	0.674	1.10	1.23	2.06	1.10	9
10	1.02 B	2.268	11.9	3.13	2.06	0.974	0.813	0.656	1.01	1.33	2.63	1.188	10
11	0.9858	2.208	7.42	2.72	2.33	0.832	0.627	0.642	0.884	1.17	2.04	1.168	11
12	0.9808	2.138	5.87	2.77	1.88	0.883	0.605	0.860	0.863	1.31	2.23	1.128	12
13	0.9208	2.108	4.72	2.67	1.91	0.824	0.837	1.01	0.855	1.40	2.58	1.108	13
14	0.9008	2.028	3.908	2.71	1.70	0.809	0.834	0.870	0.897	1.38	3.80	1.078	14
15	0.8808	2.008	2.908	3.08	1.81	0.882	0.582	0.842	0.826	1.31	2.72	1.268	15
16	0.8808	2.308	2.478	2.88	3.58	0.850	0.827	0.733	0.786	1.18	2.22	1.168	16
17	1.20 B	2.208	2.888	2.48	3.57	0.831	0.753	0.806	1.72	1.13	1.87	1.168	17
18	1.80 B	2.108	2.828	2.81	2.83	0.842	0.605	0.783	2.03	1.46	1.70	1.128	18
19	2.50 B	2.028	2.868	2.81	2.45	0.836	0.736	0.748	1.67	1.63	1.58	1.108	19
20	4.00 B	2.008	2.908	2.31	2.37	0.786	0.845	0.678	1.30	1.45	1.58	1.208	20
21	6.00 B	2.158	2.408	2.35	2.46	0.788	0.884	0.881	1.29	1.34	3.06	1.408	21
22	4.60 B	2.108	2.158	2.26	2.28	1.37	0.718	0.835	1.17	1.45	3.23	1.708	22
23	3.50 B	2.008	2.008	2.32	3.03	3.24	0.815	0.852	1.28	1.53	2.54	2.008	23
24	3.10 B	1.958	11.8 B	2.42	1.72	1.64	1.30	0.844	1.20	1.86	2.08	1.858	24
25	2.75 B	1.908	12.2 B	2.32	1.51	1.18	1.01	0.821	1.05	1.81	1.78	1.708	25
26	2.55 B	1.828	14.1 B	2.20	1.47	0.883	0.933	1.08	0.814	1.50	1.68	1.638	26
27	2.38 B	1.768	10.8	2.18	1.41	0.878	1.00	1.01	0.945	1.44	1.83	1.408	27
28	2.25 B	1.728	8.14	2.22	1.28	0.841	1.04	0.817	1.23	1.37	1.83	1.708	28
29	2.15 B	1.688	6.72	2.48	1.25	0.821	0.818	1.03	1.18	1.32	1.80	2.508	29
30	2.00 B		4.74	3.36	1.20	0.800	0.839	0.951	1.02	1.34	1.54	2.208	30
31	2.50 B		4.41		1.13		0.981	0.838		1.32		1.808	31
TOTAL	81.808	69.88	147.40	101.85	83.27	30.843	23.932	26.008	37.528	43.98	62.19	44.77	TOTAL
MEAN	1.98	2.41	4.76	3.39	2.04	1.02	0.772	0.838	1.25	1.42	2.07	1.44	MEAN
MAX	6.00	5.32	14.1	10.1	3.58	2.24	1.30	1.08	3.09	2.46	3.80	2.50	MAX
MIN	0.880	1.68	1.52	2.18	1.13	0.788	0.582	0.635	0.712	1.08	1.27	1.07	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 1.85
MAXIMUM DAILY, 14.18 ON MAR 26
MINIMUM DAILY, 0.582 ON JUL 15

SUMMARY FOR THE YEAR 1988

TYPE OF GAUGE - RECORDING
LOCATION - LAT 43 48 38 N
LONG 78 37 38 W
DRAINAGE AREA, 303 km²

B - ICE CONDITIONS

NATURAL FLOW

MONTHLY TOTAL DISCHARGE
IN CUBIC DECAMETRES

JAN 5 340	JUL 3 070
FEB 4 040	AUG 3 250
MAR 12 700	SEP 3 240
APR 8 780	OCT 3 600
MAY 5 470	NOV 5 370
JUN 2 840	DEC 3 670

TOTAL DISCHARGE, 61 800 dam³

HUMBER RIVER AT WESTON - STATION NO. 02HC003

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1986

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	3.658	10.7 B	2.528	7.24	4.48	1.79	1.07	1.74	1.12	1.57	1.83	2.42	1
2	3.358	10.5 B	2.518	6.52	3.72	1.70	1.07	1.72	1.08	4.76	2.21	2.33	2
3	3.008	4.888	2.508	11.6	3.41	2.16	1.04	1.47	1.84	3.46	3.48	2.23	3
4	2.708	4.809	2.488	66.4	3.16	1.78	1.02	1.32	0.77	3.36	3.36	2.10	4
5	3.508	4.058	3.008	35.6	2.92	1.84	0.927	1.41	6.14	2.76	5.46	1.90	5
6	2.358	3.858	5.008	18.3	2.76	1.88	0.876	1.38	3.56	2.23	4.22	2.42	6
7	2.158	3.608	11.0 B	11.7	2.67	2.19	0.804	1.23	2.47	1.88	3.80	3.22	7
8	1.858	3.408	20.0 B	10.0	2.52	1.76	0.805	1.10	1.90	1.83	4.50	2.22	8
9	1.608	3.258	30.8	7.83	2.58	1.82	0.788	1.04	1.67	1.72	3.63	1.76	9
10	1.708	3.108	34.3	8.05	2.85	1.84	0.784	0.974	1.47	3.21	4.95	1.858	10
11	1.828	3.008	22.8	5.18	2.84	1.36	1.08	0.854	1.31	2.03	4.44	1.808	11
12	1.528	2.908	17.3	4.84	2.71	1.36	1.10	1.44	1.25	2.20	3.97	1.528	12
13	1.428	2.858	11.0	4.48	2.59	1.32	0.876	1.46	1.80	1.81	7.86	1.488	13
14	1.328	2.758	6.52	5.85	2.34	1.24	0.880	1.85	1.35	1.95	5.85	1.408	14
15	1.228	2.708	5.81	5.05	3.01	1.22	0.905	1.38	1.27	1.84	5.08	1.808	15
16	2.008	2.628	4.80	4.87	5.18	1.22	1.52	1.28	1.18	1.81	3.85	1.708	16
17	4.008	2.668	4.49	4.28	12.0	1.12	2.00	1.13	7.27	1.77	3.38	1.888	17
18	7.008	2.788	4.81	5.17	8.27	1.04	1.28	1.82	2.95	8.48	3.85	1.818	18
19	13.0 B	2.708	5.18	4.40	6.86	1.00	1.18	1.43	2.27	2.71	3.88	1.578	19
20	18.0 B	2.888	4.53	4.28	5.41	1.05	0.984	1.07	2.00	2.41	4.80	1.548	20
21	9.008	2.608	3.51	4.18	5.22	1.04	0.938	0.984	1.87	2.80	5.14	1.528	21
22	8.63	2.788	3.21	4.02	5.03	2.48	4.30	0.933	1.76	3.24	5.50	1.508	22
23	7.81	2.718	3.85	4.11	4.33	3.95	1.44	0.862	2.81	2.67	4.38	4.008	23
24	5.12	2.708	35.1	3.99	3.84	2.35	2.21	0.838	1.78	3.14	3.80	3.208	24
25	4.43	3.658	32.4	3.78	3.13	1.88	3.08	1.59	1.88	2.88	3.13	2.708	25
26	3.86	2.848	41.8	3.63	2.77	1.38	3.27	2.38	1.42	2.85	2.83	2.308	26
27	3.308	2.808	36.0	4.20	2.88	1.18	1.81	1.78	1.73	3.38	2.88	7.838	27
28	3.058	2.698	15.3	4.07	2.43	1.12	1.78	1.57	3.81	2.38	2.88	5.808	28
29	2.908	2.578	10.0	4.31	2.26	1.13	1.80	1.42	1.88	1.85	2.83	5.30	29
30	2.708		8.85	4.80	2.08	1.08	1.78	1.36	1.68	1.80	2.83	4.82	30
31	4.008		8.02		1.88		2.86	1.28		1.88		3.98	31
TOTAL	133.08	102.48	388.88	338.88	120.78	48.82	47.124	41.945	70.48	78.37	117.28	81.70	TOTAL
MEAN	4.29	3.67	12.5	7.90	3.90	1.62	1.52	1.35	2.35	2.83	3.81	2.64	MEAN
MAX	18.0	10.7	41.8	66.4	12.0	2.86	4.30	2.38	8.77	8.48	7.86	7.83	MAX
MIN	1.23	2.57	2.48	3.78	1.88	1.08	0.784	0.838	1.08	1.57	1.83	1.40	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 4.00
MAXIMUM DAILY, 66.4 ON APR 4
MINIMUM DAILY, 0.784 ON JUL 10
MAXIMUM INSTANTANEOUS,
83.1 AT 11:30 EST ON APR 4

SUMMARY FOR THE YEAR 1986

TYPE OF GAUGE - RECORDING
LOCATION - LAT 43 41 54 N
LONG 79 31 19 W
DRAINAGE AREA, 800 km²

B - ICE CONDITIONS

REGULATED

MONTHLY TOTAL DISCHARGE
IN CUBIC DECAMETRES

JAN	11 500	JUL	4 070
FEB	8 940	AUG	3 620
MAR	33 400	SEP	6 000
APR	20 500	OCT	6 770
MAY	10 400	NOV	10 100
JUN	3 940	DEC	7 000

TOTAL DISCHARGE, 128 000 dam³

HUMBER RIVER NEAR PALGRAVE - STATION NO. 02HC047

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1986

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	1.02 B	3.708	1.198	2.24	1.87	0.859	0.815	0.841	0.824	0.853	0.843	1.03	1
2	0.9908	2.328	1.188	2.10	1.87	0.883	0.827	0.838	0.487	1.32	0.864	1.01	2
3	0.828	2.158	1.178	3.11	1.82	0.700	0.888	0.783	0.885	1.27	0.884	1.04	3
4	0.8108	1.908	1.158	4.48	1.32	0.895	0.859	0.838	1.77	1.04	0.881	0.907	4
5	0.8308	1.728	1.188	3.89	1.28	0.887	0.848	0.879	2.48	1.08	1.08	0.912	5
6	0.8708	1.828	1.218	2.18	1.27	0.877	0.809	0.831	1.43	0.815	2.12	1.07	6
7	0.8508	1.528	1.328	2.22	1.17	0.880	0.385	0.879	1.08	0.846	1.82	1.08	7
8	0.8308	1.428	1.758	2.41	1.15	0.788	0.401	0.871	0.887	0.877	1.38	0.943	8
9	0.8208	1.368	3.028	2.06	1.15	0.883	0.388	0.848	0.818	0.883	1.81	0.837	9
10	0.8108	1.318	4.288	1.71	1.83	0.848	0.367	0.841	0.874A	0.788	1.82	0.8708	10
11	0.8008	1.268	3.18	1.80	1.43	0.888	0.384	0.858	0.8402	0.793	1.78	0.8508	11
12	0.7888	1.218	2.84	1.81	1.27	0.827	0.481	0.818	0.8902	0.874	1.36	0.8408	12
13	0.7808	1.188	1.81	1.87	1.20	0.828	0.431	0.884	0.8702	0.888	2.09	0.8308	13
14	0.7608	1.168	1.88	1.80	1.08	0.877	0.372	0.884	0.8702	0.925	2.18	0.8208	14
15	0.7708	1.148	1.808	1.84	1.18	0.831	0.382	0.838	0.8308	0.815	1.84	0.8118	15
16	0.7858	1.808	1.44	1.81	2.33	0.842	0.407	0.808	0.8402	0.782	1.37	0.8808	16
17	1.20	1.708	1.408	1.82	2.07	0.883	0.831	0.844	2.08 E	0.719	1.28	0.8808	17
18	3.47	1.608	1.44	1.82	1.81	0.823	0.803	0.832	0.8502	1.18	1.18	0.8408	18
19	2.73	1.428	1.32	1.86	1.46	0.493	0.433	0.880	0.7802	1.10	1.08	0.8108	19
20	3.29	1.378	1.28	1.85	1.85	0.880	0.437	0.841	0.7108	0.840	1.24	1.00	20
21	3.84	1.328	1.258	1.58	1.58	0.896	0.448	0.811	0.8402	0.886	2.48	1.14	21
22	2.13 B	1.308	1.228	1.44	1.80	1.41	0.855	0.830	0.8402	1.02	1.86	0.948	22
23	1.88	1.808	2.55	1.81	1.27	1.42	1.18	0.830	0.8502	1.13	1.83	1.02	23
24	1.37	1.858	8.04	1.87	1.12	0.872	0.703	0.808	0.7002	1.14	1.29	1.21	24
25	1.27 B	1.488	6.17	1.48	1.02	0.718	0.832	0.713	0.7502	1.07	1.18	1.08	25
26	1.20 B	1.388	7.81	1.42	0.970	0.880	0.887	0.758	0.8902	1.01	1.14	1.38	26
27	1.15 B	1.318	5.72	1.41	0.898	0.858	0.805	0.763	0.8602	0.883	1.14	1.09	27
28	1.11 B	1.268	3.34	1.83	0.873	0.841	0.813	0.787	0.8308	0.818	1.17	2.18	28
29	1.08 B	1.228	2.75	1.81	0.807	0.830	0.820	0.730	0.868A	0.826	1.08	1.81	29
30	1.04 B		3.02	2.33	0.774	0.840	0.801	0.842	0.893	0.888	1.04	1.31	30
31	3.88 E		2.88		0.881		0.782	0.880		0.894		1.11	31
TOTAL	42.153	45.15	80.85	80.95	40.811	19.863	18.068	19.048	28.278	29.845	42.173	32.298	TOTAL
MEAN	1.38	1.56	2.80	2.03	1.32	0.888	0.618	0.582	0.878	0.963	1.41	1.04	MEAN
MAX	3.84	3.70	9.04	4.48	2.33	1.42	1.18	0.814	2.48	1.32	2.48	2.18	MAX
MIN	0.788	1.14	1.15	1.41	0.881	0.477	0.384	0.411	0.487	0.853	0.843	0.810	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 1.24
MAXIMUM DAILY, 9.04 ON MAR 24
MINIMUM DAILY, 0.344 ON JUL 11
MAXIMUM INSTANTANEOUS,
12.3 AT 04:45 EST ON MAR 24

SUMMARY FOR THE YEAR 1986

TYPE OF GAUGE - RECORDING
LOCATION - LAT 43 55 57 N
LONG 79 48 45 W
DRAINAGE AREA, 117 km²
A - MANUAL GAUGE
B - ICE CONDITIONS
E - ESTIMATED
REGULATED

MONTHLY TOTAL DISCHARGE
IN CUBIC DECAMETRES

JAN	3 730	JUL	1 380
FEB	3 800	AUG	1 560
MAR	8 670	SEP	2 270
APR	5 270	OCT	3 580
MAY	3 530	NOV	3 640
JUN	1 730	DEC	2 780

TOTAL DISCHARGE, 39 300 dam³

INDIAN RIVER NEAR BLAKENEY - STATION NO. 02KF012

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1988

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	2.10 B	4.010	1.320	9.04	5.01	0.746	0.547	0.230	0.242	0.188	0.301	0.535	1
2	2.10 B	1.800	1.310	9.37	5.78	0.601	0.474	0.244	0.239	0.264	0.424	0.490	2
3	2.08 B	1.450	1.310	10.9	5.46	0.511	0.376	0.256	0.231	0.264	0.618	0.595	3
4	2.10 B	1.370	1.300	14.1	5.15	0.453	0.337	0.261	0.332	0.200	0.512	0.5388	4
5	2.00 B	1.270	1.950	13.2	4.72	0.434	0.326	0.257	0.271	0.625	0.503	0.501	5
6	2.10 B	1.220	1.930	12.0	4.18	0.398	0.314	0.255	0.210	0.333	1.19	0.547	6
7	2.10 B	1.190	1.910	11.4	3.70	0.331	0.310	0.252	0.214	0.137	1.05	0.525	7
8	2.09 B	1.170	1.880	11.3	3.56	0.348	0.307	0.253	0.213	0.113	0.848	0.584	8
9	2.07 B	1.140	1.850	11.3	3.37	0.332	0.292	0.231	0.208	0.138	0.747	0.574	9
10	2.05 B	1.130	1.820	9.67	3.11	0.305	0.282	0.256	0.194	0.124	0.715	0.534	10
11	2.04 B	1.180	1.800	8.84	2.93	0.332	0.287	0.236	0.240	0.177	0.730	0.448	11
12	2.03 B	1.190	1.760	7.67	2.68	0.327	0.286	0.247	0.178	0.223	0.671	0.411	12
13	2.01 B	1.180	1.700	6.77	2.53	0.350	0.282	0.250	0.220	0.218	0.614	0.431	13
14	1.98 B	1.180	1.760	6.31	1.94	0.330	0.286	0.276	0.239	0.185	0.603	0.457	14
15	1.97 B	1.190	1.700	6.32	1.87	0.300	0.307	0.282	0.234	0.200	0.593	0.448	15
16	1.98 B	1.170	1.700	5.88	1.95	0.301	0.280	0.232	0.207	0.208	0.543	0.4448	16
17	1.94 B	1.180	1.660	5.50	1.97 A	0.298	0.261	0.237	0.214	0.213	0.544	0.4388	17
18	1.92 B	1.190	1.620	5.16	1.77 A	0.311	0.265	0.247	0.218	0.225	0.505	0.4518	18
19	1.90 B	1.205	1.670	4.84	1.67 A	0.298	0.270	0.241	0.203	0.220	0.491	0.4518	19
20	1.88 B	1.210	1.640	3.93	2.84 A	0.284	0.283	0.239	0.235	0.218	0.484	1.30 B	20
21	1.86 B	1.220	1.600	3.88	3.36 A	0.270	0.292	0.256	0.184	0.203	0.518	1.80 B	21
22	1.84 B	1.230	1.54	3.81	2.97 A	0.330	0.272	0.248	0.204	0.280	0.613	1.74 B	22
23	1.82 B	1.270	1.75	3.46	2.66 A	0.431	0.287	0.211	0.213	0.343	0.488	1.74 B	23
24	1.80 B	1.360	2.80	3.72	2.29 A	0.352	0.288	0.297	0.185	0.423	0.487	1.78 B	24
25	1.60 B	1.350	3.67	3.54	1.84 A	0.395	0.318	0.384	0.190	0.527	0.474	1.78 B	25
26	0.9008	1.350	10.8	3.62	1.79 A	0.427	0.291	0.334	0.186	0.507	0.488	1.78 B	26
27	0.6408	1.340	8.26	3.40	1.70	0.383	0.268	0.284	0.170	0.431	0.644	1.78 B	27
28	0.6338	1.330	6.01	3.45	1.60	0.449	0.270	0.295	0.170	0.393	0.607	1.74 B	28
29	0.6388	1.320	4.81	5.04	1.31	0.556	0.295	0.268	0.192	0.374	0.530	1.72 B	29
30	0.6308		6.35	7.01	1.14	0.519	0.247	0.243	0.181	0.339	0.497	1.70 B	30
31	2.40 B		8.44		0.920		0.235	0.245		0.311		1.88 B	31
TOTAL	59.259	35.39	89.26	214.77	88.230	11.486	9.326	7.979	6.393	8.662	17.663	28.621	TOTAL
MEAN	1.81	1.35	2.86	7.16	2.85	0.382	0.301	0.257	0.213	0.266	0.556	0.992	MEAN
MAX	2.80	4.01	10.8	14.1	5.01	0.746	0.547	0.384	0.332	0.625	1.19	1.78	MAX
MIN	0.620	1.13	1.30	3.40	0.920	0.270	0.235	0.211	0.170	0.112	0.301	0.411	MIN

SUMMARY FOR THE YEAR 1988

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 1.58
MAXIMUM DAILY, 14.1 ON APR 4
MINIMUM DAILY, 0.113 ON OCT 8
MAXIMUM INSTANTANEOUS,
14.3 AT 06:48 EST ON APR 4

TYPE OF GAUGE - RECORDING
LOCATION - LAT 45 14 44 N
LONG 76 15 39 W
DRAINAGE AREA, 303 km²
A - MANUAL GAUGE
B - ICE CONDITIONS

REGULATED

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	4 880	JUL	806
FEB	3 400	AUG	889
MAR	7 710	SEP	552
APR	18 600	OCT	766
MAY	7 630	NOV	1 530
JUN	990	DEC	2 500

TOTAL DISCHARGE, 99 100 dam³

JACKSON CREEK AT PETERBOROUGH - STATION NO. 02HJ001

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1988

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	0.6338	3.35 B	0.647	3.77	1.67	0.178	0.071	0.034	0.024	0.067	0.305	0.497	1
2	0.616	3.30	0.655	3.28	1.59	0.145	0.102	0.032	0.026	0.351	0.305	0.449	2
3	0.4128	3.65 B	0.674	3.92	1.42	0.130	0.089	0.031	0.028	0.124	0.278	0.4328	3
4	0.348	2.60 B	0.807	5.13	1.24	0.118	0.061	0.033	0.128	0.285	0.260	0.4088	4
5	0.371	1.30 B	0.803	5.46	1.08	0.118	0.030	0.021	0.104	0.245	0.237	0.469	5
6	0.2468	0.6228	0.619	5.44	0.975	0.096	0.036	0.032	0.149	0.303	0.713	0.474	6
7	0.221	0.603	0.861	4.91	0.893	0.095	0.036	0.036	0.073	0.191	0.778	0.459	7
8	0.234	0.651	0.750	4.26	0.778	0.093	0.025	0.031	0.060	0.176	0.824	0.348	8
9	0.236	0.632	0.846	3.54	0.760	0.081	0.023	0.031	0.036	0.132	0.837	0.370	9
10	0.240	0.622	1.24 E	2.97	0.759	0.068	0.023	0.024	0.031	0.483	1.02	0.316	10
11	0.221	0.481	1.36	3.53	0.887	0.071	0.036	0.027	0.033	0.303	0.812	0.284	11
12	0.231	0.4478	1.45	3.16	0.885	0.070	0.031	0.026	0.038	0.282	0.661	0.222	12
13	0.238	0.428	1.45	1.92	0.701	0.065	0.030	0.025	0.044	0.243	0.539	0.208	13
14	0.151	0.417	1.36	2.11	0.628	0.054	0.026	0.149	0.037	0.210	0.804	0.184	14
15	0.134	0.585	1.19	2.31	0.622	0.044	0.023	0.039	0.033	0.228	0.678	0.179	15
16	0.152	0.587	1.09	2.45	0.852	0.048	0.027	0.022	0.038	0.184	0.821	0.187	16
17	0.280	0.585	1.05	2.53	1.31	0.047	0.048	0.081	0.104	0.186	0.772	0.167	17
18	0.617	0.578	1.03	2.45	1.78	0.048	0.038	0.023	0.047	0.408	0.748	0.179	18
19	0.502	0.583	0.940	2.19	2.02	0.082	0.034	0.013	0.060	0.282	0.698	0.180	19
20	0.839	0.6408	0.880	2.04	2.25	0.085	0.031	0.012	0.178	0.272	0.780	0.387	20
21	1.07	0.5568	0.8008	1.89	2.05	0.065	0.031	0.004	0.083	0.287	0.776	0.302	21
22	0.879	0.507	0.8908	1.80	1.76	0.237	0.067	0.005	0.061	0.408	0.732	0.283	22
23	0.730	0.7158	1.17 B	1.81	1.60	0.067	0.043	0.051	0.318	0.430	0.705	0.3508	23
24	0.748	0.742	2.88 B	1.54	1.17	0.038	0.333	0.047	0.294	0.473	0.672	0.327	24
25	0.653	0.682	4.80 B	1.46	0.920	0.100	0.025	0.085	0.280	0.483	0.603	0.333	25
26	0.587	0.614	7.30 B	1.81	0.728	0.045	0.098	0.019	0.078	0.485	0.579	0.301	26
27	0.483	0.802	10.2	1.61	0.584	0.070	0.028	0.013	0.308	0.455	0.583	0.4508	27
28	0.418	0.586	8.43	1.50	0.478	0.063	0.028	0.026	0.087	0.521	0.590	1.04 B	28
29	0.348	0.679	7.08	1.85	0.404	0.083	0.028	0.028	0.071	0.438	0.517	0.743	29
30	0.623		5.47	1.88	0.304	0.060	0.108	0.020	0.074	0.384	0.616	0.6408	30
31	2.10 B		4.30		0.222		0.039	0.022		0.345		0.885	31
TOTAL	14.889	26.482	71.884	81.26	32.857	3.518	1.600	1.049	2.885	9.481	20.705	11.928	TOTAL
MEAN	0.484	0.913	2.31	2.71	1.06	0.064	0.052	0.034	0.096	0.305	0.690	0.385	MEAN
MAX	2.10	3.35	10.2	5.46	2.25	0.237	0.333	0.149	0.318	0.521	1.02	1.04	MAX
MIN	0.134	0.417	0.803	1.41	0.222	0.038	0.023	0.004	0.024	0.067	0.278	0.167	MIN

SUMMARY FOR THE YEAR 1988

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 0.758
MAXIMUM DAILY, 10.2 ON MAR 27
MINIMUM DAILY, 0.004 ON AUG 21
MAXIMUM INSTANTANEOUS,
10.6 AT 17:00 EST ON MAR 27

TYPE OF GAUGE - RECORDING
LOCATION - LAT 44 18 10 N
LONG 78 19 14 W
DRAINAGE AREA, 110 km²

B - ICE CONDITIONS
E - ESTIMATED
NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	1 300	JUL	138
FEB	2 280	AUG	80.6
MAR	6 190	SEP	246
APR	7 020	OCT	817
MAY	2 840	NOV	1 780
JUN	218	DEC	1 030

TOTAL DISCHARGE, 24 000 dam³

JOCK RIVER NEAR RICHMOND - STATION NO. 02LA007

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1988

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	4.558	29.1	2.63	37.3	18.3	1.13	1.20	0.257	0.277	0.052	4.00	5.63	1
2	4.338	15.1 B	2.49	33.8	14.0	0.852	1.33	0.183	0.240	0.093	4.99	5.15	2
3	4.238	7.048	2.29	32.9	11.3	0.741	1.12	0.125	0.221	0.276	5.14	4.72	3
4	3.928	5.358	2.19	41.1	9.44	0.668	0.828	0.112	0.258	0.317	5.57	5.37	4
5	3.538	3.978	1.99	41.4	7.91	0.593	0.589	0.198	0.247	0.352	5.13	3.82	5
6	3.258	3.688	1.89	35.9	6.95	0.514	0.460	0.225	0.221	0.478	15.9	3.80	6
7	2.958	3.378	1.92	29.1	6.07	0.441	0.334	0.195	0.178	0.480	18.4	3.98	7
8	2.578	3.138	2.11	25.2	5.34	0.357	0.244	0.117	0.122	0.444	17.7	3.68	8
9	2.388	3.048	2.41	25.7	4.80	0.310	0.186	0.085	0.090	0.404	16.0	3.14	9
10	2.18	2.758	3.86	22.8	4.07	0.285	0.111	0.079	0.085	0.351	15.0	2.61	10
11	2.01	2.62	3.978	19.1	3.78	0.225	0.120	0.073	0.081	0.411	14.6	2.01	11
12	1.85	2.58	3.428	15.7	3.21	0.184	0.108	0.070	0.051	0.521	13.4	1.58	12
13	1.848	2.57	2.98	13.3	2.84	0.189	0.095	0.062	0.045	0.548	12.1	1.19	13
14	1.668	2.45	2.58	11.7	2.77	0.139	0.091	0.062	0.055	0.539	11.0	0.977	14
15	1.578	2.42	2.45	11.8	2.54	0.119	0.087	0.075	0.057	0.519	10.1	0.806	15
16	1.438	2.55	2.80	11.0	2.42	0.078	0.078	0.070	0.054	0.495	9.28	0.823	16
17	1.35	2.54	3.60	10.1	2.54	0.087	0.078	0.067	0.059	0.462	8.54	0.761	17
18	1.58	2.40	3.99	9.08	2.53	0.083	0.074	0.066	0.067	0.531	7.66	0.730	18
19	1.97	2.36	3.478	7.86	2.37	0.067	0.078	0.047	0.066	0.529	7.35	0.730	19
20	2.37	2.45	2.838	7.00	2.84	0.070	0.081	0.055	0.074	0.441	6.60	0.800	20
21	2.65	2.65	2.358	6.71	4.38	0.062	0.075	0.065	0.076	0.362	6.53	1.13	21
22	2.77	2.78	2.148	6.44	4.13	0.069	0.071	0.068	0.067	0.428	6.47	1.28	22
23	2.48	3.41	2.128	6.25	3.90	0.224	0.065	0.068	0.064	0.736	6.11	1.18	23
24	2.05	3.848	7.80	8.02	3.33	0.208	0.118	0.148	0.063	1.82	5.71	1.04	24
25	1.89	3.588	15.5	8.08	2.90	0.372	0.816	0.364	0.068	5.90	5.42	0.954	25
26	1.84	3.408	48.5	5.80	2.51	0.750	0.986	0.448	0.060	6.34	5.48	0.888	26
27	1.68	3.188	63.1	5.57	1.87	0.881	1.09	0.481	0.051	6.51	5.46	0.885	27
28	1.48	2.88	54.3	6.17	1.78	0.810	0.908	0.442	0.043	5.04	5.78	0.859	28
29	1.28	2.82	42.0	14.2	1.61	0.813	0.671	0.375	0.040	5.44	5.01	0.844	29
30	1.20		38.5	20.8	1.44	0.892	0.493	0.333	0.048	5.03	5.82	0.857	30
31	7.52		36.9		1.32		0.335	0.306		4.61		0.841	31
TOTAL	78.47	130.11	372.10	525.78	145.09	11.804	12.730	5.311	3.079	49.281	279.86	82.916	TOTAL
MEAN	2.53	4.49	12.0	17.5	4.68	0.393	0.411	0.171	0.103	1.59	9.32	2.03	MEAN
MAX	7.52	29.1	63.1	41.4	18.3	1.13	1.33	0.481	0.277	5.34	18.8	5.63	MAX
MIN	1.20	2.36	1.89	5.57	1.32	0.082	0.065	0.047	0.040	0.052	4.00	0.730	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 4.58
MAXIMUM DAILY, 63.1 ON MAR 27
MINIMUM DAILY, 0.040 ON SEP 28
MAXIMUM INSTANTANEOUS,
64.8 AT 17:25 EST ON MAR 27

SUMMARY FOR THE YEAR 1988

TYPE OF GAUGE - RECORDING
LOCATION - LAT 45 15 00 N
LONG 75 47 28 W
DRAINAGE AREA, 559 km²

B - ICE CONDITIONS

NATURAL FLOW

MONTHLY TOTAL DISCHARGE
IN CUBIC DECAMETRES

JAN	6 780	JUL	1 100
FEB	11 200	AUG	489
MAR	32 100	SEP	266
APR	45 400	OCT	4 260
MAY	12 500	NOV	24 200
JUN	1 020	DEC	5 440

TOTAL DISCHARGE, 145 000 dam³

JUNCTION CREEK AT SUDBURY - STATION NO. 02CF005

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1988

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	0.290B	0.310B	0.183B	11.7	0.840	0.888	0.232	0.075	0.253	1.85	1.88	1.25 B	1
2	0.280B	0.305B	0.178B	13.4	0.548	0.627	0.183	0.084	0.208	4.37	1.88	1.15 B	2
3	0.270B	0.300B	0.177B	14.9	0.486	0.415	0.143	0.078	0.889	3.44	1.80	1.08 B	3
4	0.260B	0.290B	0.170B	18.3	0.423	0.314	0.116	0.073	1.24	2.56	1.55	1.00 B	4
5	0.248B	0.280B	0.170B	17.8	0.404	0.244	0.113	0.575	0.811	1.84	4.17	0.870B	5
6	0.240B	0.272B	0.180B	15.9	0.329	0.207	0.102	0.184	0.538	1.48	7.88	1.04 B	6
7	0.230B	0.265B	0.203B	16.2	0.329	0.200	0.095	0.123	0.386	1.20	8.03	1.10 B	7
8	0.223B	0.260B	0.220B	13.5	0.304	0.170	0.085	0.152	0.331	1.01	4.08	0.840B	8
9	0.217B	0.253B	0.245B	11.2	0.688	0.167	0.090	0.456	0.288	0.887	2.65	0.670B	9
10	0.211B	0.247B	0.270B	8.82	2.21	0.168	0.304	0.154	0.236	1.07	3.31	0.480B	10
11	0.205B	0.242B	0.280B	5.84	1.84	0.146	0.213	0.106	0.214	1.14	4.08	0.380B	11
12	0.200B	0.236B	0.262B	4.08	1.20	0.130	0.140	0.159	0.457	0.858	3.08	0.330B	12
13	0.190B	0.230B	0.248B	3.25	3.81	0.127	0.263	1.08	1.26	0.634	3.43	0.310B	13
14	0.180B	0.225B	0.240B	5.62	2.22	0.122	0.278	7.05	0.673	0.763	3.81	0.280B	14
15	0.172B	0.222B	0.236B	5.17	2.05	0.107	0.159	2.02	0.525	0.688	3.06	0.280B	15
16	0.180B	0.218B	0.232B	3.94	1.65	0.111	0.142	0.832	0.421	0.578	3.61	0.280B	16
17	0.205B	0.214B	0.230B	3.00	1.41	0.116	0.130	0.752	0.452	1.25	3.89	0.270B	17
18	0.211B	0.211B	0.228B	2.67	0.805	0.107	0.120	0.661	0.416	8.26	3.18	0.260B	18
19	0.209B	0.208B	0.222B	2.25	0.840	0.097	0.109	0.464	0.402	6.11	1.42	0.300B	19
20	0.213B	0.203B	0.218B	1.87	0.678	0.114	0.132	0.670	1.91	4.08	1.05	2.10 B	20
21	0.205B	0.201B	0.210B	1.55	3.62	0.108	0.346	0.550	1.47	2.79	0.858	1.70 B	21
22	0.190B	0.217B	0.205B	1.26	3.54	0.488	0.134	0.372	1.00	2.62	0.708	1.20 B	22
23	0.180B	0.213B	0.220B	1.26	2.95	0.233	0.114	0.388	1.15	2.14	0.722	0.900B	23
24	0.170B	0.210B	0.260B	1.61	1.87	0.212	0.173	0.867	0.795	2.33	0.750	0.540B	24
25	0.162B	0.205B	0.480B	1.40	1.22	1.10	0.150	0.928	0.638	2.83	0.729	0.440B	25
26	0.155B	0.202B	1.00 B	1.22	0.910	0.505	0.110	0.743	0.562	2.45	0.769	0.380B	26
27	0.145B	0.200B	1.90 B	1.04	0.758	0.224	0.104	0.632	2.75	2.12	2.88	0.330B	27
28	0.135B	0.193B	2.50 B	1.03	0.565	0.178	0.108	1.04	2.20	4.13	2.66	0.310B	28
29	0.130B	0.187B	3.64	0.878	0.441	0.328	0.090	0.580	1.57	3.83	1.78	0.300B	29
30	0.180B		8.74	0.766	0.585	0.328	0.087	0.419	1.22	2.85	1.38	0.290B	30
31	0.260B		9.54		0.788		0.075	0.318		2.15		0.280B	31
TOTAL	6.336	6.819	33.035	102.424	38.571	8.257	4.638	22.446	25.257	72.529	78.018	21.120	TOTAL
MEAN	0.204	0.239	1.07	6.41	1.28	0.275	0.150	0.724	0.842	2.34	2.63	0.681	MEAN
MAX	0.290	0.310	9.54	19.3	3.62	1.10	0.346	7.05	2.75	8.26	7.88	2.10	MAX
MIN	0.130	0.187	0.170	0.766	0.304	0.097	0.075	0.073	0.208	0.678	0.708	0.260	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 1.40
MAXIMUM DAILY, 19.3 ON APR 4
MINIMUM DAILY, 0.073 ON AUG 4
MAXIMUM INSTANTANEOUS,
20.6 AT 17:53 EST ON APR 4

SUMMARY FOR THE YEAR 1988

TYPE OF GAUGE - RECORDING
LOCATION - LAT 46 29 20 N
LONG 80 59 45 W
DRAINAGE AREA, 89.1 km²

B - ICE CONDITIONS

REGULATED SINCE 1971

MONTHLY TOTAL DISCHARGE
IN CUBIC DECAMETRES

JAN	547	JUL	401
FEB	589	AUG	1 940
MAR	2 850	SEP	2 180
APR	15 800	OCT	6 270
MAY	3 420	NOV	6 830
JUN	713	DEC	1 820

TOTAL DISCHARGE, 44 200 dam³

JUNCTION CREEK BELOW KELLEY LAKE - STATION NO. 02CF012

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1988

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	2.49	3.24	2.23	20.0	3.33	5.58	1.52	0.669	2.10	4.09	5.83	5.80	1
2	2.38	3.33	2.12	22.3	3.28	4.68	1.52	0.787	2.03	5.78	5.28	5.34	2
3	2.22	3.19	2.05	26.4	3.07	4.08	1.50	0.758	2.27	5.63	4.81	5.25	3
4	2.13	3.06	1.93	31.6	2.81	3.74	1.33	0.788	2.86	5.80	4.84	4.78	4
5	2.07	3.04	1.86	32.9	2.73	3.19	1.28	1.22	2.40	4.94	7.33	4.51	5
6	2.03	2.90	1.95	29.3	2.86	2.60	1.27	1.20	2.08	4.19	12.8	4.88	6
7	1.98	2.73	1.96	28.7	2.68	2.29	1.21	1.12	1.89	3.86	13.6	5.71	7
8	2.04	2.55	2.22	25.9	2.52	1.87	1.19	1.06	1.76	3.43	11.7	5.85	8
9	2.02	2.48	2.70	21.3	2.75	1.58	1.18	1.29	1.68	2.98	9.53	4.83	9
10	1.97	2.46	2.87	17.3	4.06	1.45	1.14	1.29	1.70	2.89	8.97	3.60	10
11	1.80	2.50	3.05	14.0	5.09	1.48	1.25	1.18	1.75	2.87	10.0	3.20	11
12	1.84	2.57	3.07	11.4	4.27	1.51	1.18	1.17	1.83	2.77	9.39	2.87	12
13	1.83	2.42	3.15	9.33	5.28	1.75	0.976	1.55	2.52	2.82	8.97	2.77	13
14	1.84	2.32	3.11	9.89	5.64	1.66	1.17	5.03	2.40	2.69	9.51	2.72	14
15	1.84	2.44	2.85	11.3	5.38	1.48	1.20	5.48	2.12	2.58	9.11	2.70	15
16	1.81	2.16	2.80	10.2	5.28	1.45	1.37	4.53	1.92	2.42	8.52	2.58	16
17	1.84	1.95	2.54	9.08	4.31	1.22	1.38	3.70	1.85	2.70	9.20	2.58	17
18	1.82	1.76	2.47	8.35	3.65	1.03	1.34	3.12	1.82	6.31	9.35	2.50	18
19	1.67	1.74	2.55	7.49	3.18	0.944	1.31	2.65	1.82	11.6	7.94E	2.37	19
20	1.73	2.02	2.68	8.58	2.82	1.01	1.25	2.66	2.66	10.1	6.81E	2.77	20
21	1.82	2.08	2.74	8.27	3.47	1.01	1.23	2.81	2.99	8.34	6.06E	4.10	21
22	1.82	2.24	2.58	4.63	5.49	1.12	1.21	2.74	2.60	7.33	4.90E	3.62	22
23	1.86	2.23	2.55	4.29	6.42	1.20	1.10	2.45	2.67	6.30	4.68E	3.40	23
24	2.10	2.22	2.76	4.61	5.80	1.10	1.06	2.32	2.53	6.00	4.43E	3.14	24
25	2.12	2.26	3.67	4.57	4.74	1.71	1.07	2.36	2.30	6.81	4.20E	3.16	25
26	2.10	2.38	5.84	4.47	3.87	2.20	1.10	2.53	2.26	6.48	3.90E	3.01	26
27	2.08	2.49	10.4	4.27	3.52	1.88	1.02	2.57	3.62	5.73	5.12E	2.97	27
28	2.07	2.48	8.58	4.14	3.41	1.78	0.921	2.90	4.06	7.26	7.71E	2.90	28
29	1.98	2.43	8.70	3.76	3.19	1.56	0.874	2.90	3.69	8.85	7.71E	2.71	29
30	1.84		12.4	3.22	3.19	1.55	0.811	2.71	3.38	7.72	6.58E	2.68	30
31	2.32		17.4		5.60		0.715	2.42		6.58		2.65	31
TOTAL	62.17	71.70	129.60	396.45	124.01	59.824	36.667	72.062	71.91	169.35	226.94	112.26	TOTAL
MEAN	2.01	2.47	4.18	13.2	4.00	1.99	1.18	2.32	2.40	5.46	7.63	3.62	MEAN
MAX	2.49	3.33	17.4	32.9	6.42	5.58	1.52	6.48	4.06	11.6	13.6	5.80	MAX
MIN	1.67	1.74	1.93	3.22	2.52	0.944	0.715	0.669	1.69	2.42	3.90	2.37	MIN

SUMMARY FOR THE YEAR 1988

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 4.18
MAXIMUM DAILY, 32.9 ON APR 5
MINIMUM DAILY, 0.669 ON AUG 1
MAXIMUM INSTANTANEOUS,
34.5 AT 01:14 EST ON APR 5

TYPE OF GAUGE - RECORDING
LOCATION - LAT 48 25 39 N
LONG 81 05 50 W
DRAINAGE AREA, 207 km²

E - ESTIMATED
NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	5 370	JUL	3 170
FEB	5 180	AUG	5 230
MAR	11 200	SEP	5 210
APR	34 300	OCT	14 600
MAY	10 700	NOV	19 600
JUN	5 170	DEC	9 700

TOTAL DISCHARGE, 133 000 dam³

REMARKS - DATA PRIOR TO 1980 CONTRIBUTED BY ONT. MINISTRY OF THE ENVIRONMENT AND FORMERLY PUBLISHED UNDER STA. NO. 02CF108

KAMINISTIQUIA RIVER AT KAKABEKA FALLS POWERHOUSE - STATION NO. 02AB010

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1988

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	12.0	12.7	12.4	12.0	21.2	20.3	18.2	18.2	58.9	47.6	48.1	41.7	1
2	12.0	12.8	13.1	13.7	21.7	21.2	18.1	20.6	96.7	53.6	48.7	44.6	2
3	12.3	12.4	12.8	14.7	21.4	18.9	18.2	28.6	90.0	46.4	48.2	46.3	3
4	12.2	13.4	12.0	13.4	22.0	18.1	17.8	30.4	74.8	42.0	48.2	44.7	4
5	12.0	12.7	12.0	15.6	20.2	18.1	18.7	29.2	66.4	46.6	47.3	40.8	5
6	12.0	12.0	14.9	26.3	17.8	17.7	20.4	40.3	61.1	48.6	47.8	38.7	6
7	12.0	12.0	12.9	43.3	17.1	17.7	17.7	35.7	58.2	50.3	43.6	37.6	7
8	12.3	12.7	13.0	50.6	18.3	20.7	18.6	36.6	53.2	51.2	38.1	34.3	8
9	13.5	13.7	12.6	44.3	20.3	17.8	18.5	35.4	50.5	51.2	38.2	33.1	9
10	12.8	12.5	12.0	42.1	66.4	17.8	18.1	30.6	51.7	52.2	40.6	40.0	10
11	12.0	12.0	14.6	48.2	56.8	18.7	17.8	24.9	53.3	47.5	41.8	44.2	11
12	12.0	12.1	12.0	56.1	50.4	18.1	18.3	20.8	52.8	46.1	47.4	47.8	12
13	12.2	12.8	13.0	76.2	48.8	17.8	18.4	21.7	38.2	47.8	47.2	48.3	13
14	13.1	12.3	13.0	65.4	50.5	17.8	17.9	35.6	48.1	47.3	47.5	48.5	14
15	12.8	12.7	12.9	50.6	46.1	21.0	18.2	48.2	48.8	46.1	45.6	42.9	15
16	12.1	12.1	12.2	42.0	38.8	23.4	18.3	84.8	50.2	46.1	73.1	45.3	16
17	11.5	12.0	12.0	38.6	34.8	21.2	18.1	78.1	50.3	47.2	102	46.7	17
18	12.1	12.3	12.0	35.2	28.7	20.3	18.1	81.7	50.3	47.6	71.1	46.8	18
19	12.8	14.0	13.3	30.6	24.5	19.3	17.8	75.6	49.8	47.0	58.0	47.4	19
20	13.8	12.1	12.4	24.2	28.5	20.5	17.8	68.2	50.6	46.1	49.2	47.5	20
21	12.0	12.0	12.3	22.4	22.8	17.6	17.7	62.8	49.8	46.8	48.0	47.7	21
22	12.1	13.0	12.8	18.6	21.6	17.7	18.0	58.1	47.8	46.1	38.2	48.3	22
23	12.8	12.5	12.6	18.2	21.3	17.7	18.2	57.1	51.8	46.1	37.5	48.2	23
24	12.0	14.4	13.6	19.8	21.1	17.7	18.2	76.1	50.8	50.4	41.7	47.8	24
25	12.3	13.4	13.4	19.5	18.8	18.0	17.8	77.6	49.5	53.4	46.1	46.1	25
26	12.6	12.2	12.0	20.1	18.4	18.0	18.2	72.5	45.4	52.6	46.1	46.1	26
27	12.2	12.5	12.0	18.7	18.4	18.1	17.8	68.6	44.7	48.1	47.4	46.8	27
28	12.0	12.6	12.0	19.8	20.5	17.7	17.7	65.3	44.7	51.7	44.7	48.8	28
29	12.0	12.5	12.0	21.2	20.0	17.6	17.7	62.7	44.1	48.4	45.4	47.7	29
30	12.3		12.0	20.7	18.0	17.8	18.3	60.6	42.1	43.8	45.5	48.0	30
31	12.9		12.3		19.9		18.1	57.2		48.1		48.1	31
TOTAL	383.1	386.2	391.7	843.5	882.4	585.5	585.8	1 552.5	1 624.9	1 494.9	1 489.4	1 396.6	TOTAL
MEAN	12.4	12.8	12.8	31.5	27.8	18.9	18.3	50.1	54.2	48.2	48.0	45.1	MEAN
MAX	13.8	14.4	14.9	76.2	66.4	23.4	20.4	81.7	96.7	53.6	102	48.3	MAX
MIN	11.5	12.0	12.0	12.0	17.1	17.6	17.7	18.2	38.2	42.0	37.5	33.1	MIN

SUMMARY FOR THE YEAR 1988

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 31.7
MAXIMUM DAILY, 102 ON NOV 17
MINIMUM DAILY, 11.5 ON JAN 17

DATA CONTRIBUTED BY -
ONTARIO HYDRO

TYPE OF GAUGE - POWER PLANT
LOCATION - LAT 48 24 56 N
LONG 89 37 51 W
DRAINAGE AREA, 6 710 km²

REGULATED

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	33 100	JUL	48 800
FEB	31 800	AUG	134 000
MAR	33 800	SEP	140 000
APR	81 500	OCT	128 000
MAY	74 500	NOV	127 000
JUN	48 900	DEC	121 000

TOTAL DISCHARGE, 1 000 000 dam³

KAMINISTIQUIA RIVER AT KAMINISTIQUIA - STATION NO. 02AB006

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1988

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	15.08	11.88	11.88	11.88	23.1	24.6	21.5	23.3	57.0	47.8	53.2	51.3	1
2	14.38	11.88	11.88	13.28	23.3	25.8	21.8	24.4	92.8	51.2	56.0	55.4	2
3	13.98	11.88	11.88	13.58	23.0	24.3	20.8	29.6	92.4	52.1	53.5	49.7	3
4	13.48	11.88	11.88	12.88	23.2	22.2	20.6	33.3	81.8	48.5	53.2	51.9	4
5	13.18	11.88	11.88	14.38	22.1	19.7	21.3	35.8	73.9	49.0	54.9	48.0	5
6	12.88	11.88	11.88	18.08	19.9	18.1	21.5	43.2	68.9	50.9	54.3	43.58	6
7	12.58	11.88	11.88	26.08	19.3	23.1	21.4	42.3	64.8	52.5	49.5	41.08	7
8	12.38	11.88	11.88	42.58	21.5	23.9	21.4	41.2	61.3	54.0	45.7	38.08	8
9	12.28	11.88	11.88	38.08	25.7	20.8	21.7	41.0	58.1	55.2	46.7	49.08	9
10	12.18	11.88	11.88	39.58	55.7	24.9	21.7	37.0	57.2	56.5	45.9	56.58	10
11	12.08	11.88	11.88	43.08	56.2	23.5	21.8	31.2	59.3	54.8	50.0	59.58	11
12	11.98	11.88	11.88	49.28	48.9	22.3	21.4	28.8	58.7	52.8	55.7	59.08	12
13	11.88	11.88	11.88	59.58	50.6	22.5	22.0	28.3	43.4	53.5	54.2	58.08	13
14	11.88	11.88	11.88	50.88	51.1	22.6	22.3	34.7	46.7	53.9	52.9	56.08	14
15	11.88	11.88	11.88	45.08	44.2	25.0	22.7	42.8	49.8	53.3	51.0	55.08	15
16	11.88	11.88	11.88	40.3	37.8	26.1	23.0	57.4	52.4	53.7	82.0	56.08	16
17	11.88	11.88	11.88	37.5	33.5	24.4	23.0	71.8	54.1	53.0	90.2	56.08	17
18	11.88	11.88	11.88	34.1	28.9	23.7	23.1	80.8	55.0	51.7	88.4	56.08	18
19	11.88	11.88	11.88	29.9	25.6	23.1	23.4	81.9	55.6	52.8	80.2	56.08	19
20	11.88	11.88	11.88	26.0	29.1	23.5	23.2	78.9	56.0	52.8	52.3	56.08	20
21	11.88	11.88	11.88	23.4	26.7	21.6	23.2	70.8	55.6	53.0	49.8	56.08	21
22	11.88	11.88	11.88	21.3	23.6	20.8	23.5	65.3	55.0	52.5	43.1	56.08	22
23	11.88	11.88	11.88	21.1	22.9	20.4	23.8	68.3	56.3	53.8	38.7	56.08	23
24	11.88	11.88	11.88	22.1	21.5	21.0	23.4	74.3	55.9	56.6	49.7	56.08	24
25	11.88	11.88	11.88	21.8	20.5	21.3	23.0	77.8	55.3	57.4	51.9	56.08	25
26	11.88	11.88	11.88	22.2	20.8	23.2	22.9	78.3	52.8	56.6	52.0	56.08	26
27	11.88	11.88	11.88	22.2	20.4	22.3	22.7	76.3	50.3	54.8	53.4	56.08	27
28	11.88	11.88	11.88	22.3	21.6	21.4	22.7	74.1	50.2	55.7	50.8	56.08	28
29	11.88	11.88	11.88	22.6	21.8	22.1	22.9	71.0	46.0	51.2	51.5	56.08	29
30	11.88		11.88	22.5	20.8	20.2	23.3	67.2	44.5	51.4	52.1	56.08	30
31	11.88		11.88		20.5		21.4	64.0		53.7		56.08	31
TOTAL	379.7	342.2	365.8	886.2	903.6	678.4	682.5	1 868.8	1 770.0	1 646.6	1 823.8	1 867.8	TOTAL
MEAN	12.2	11.8	11.8	28.8	29.1	22.6	22.3	53.8	59.0	53.1	54.1	53.8	MEAN
MAX	15.0	11.8	11.8	59.5	56.2	26.1	23.9	81.9	92.8	57.4	90.2	59.5	MAX
MIN	11.8	11.8	11.8	11.8	19.3	18.1	20.6	23.3	43.4	47.8	39.7	38.0	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 3 .4
MAXIMUM DAILY, 92.8 ON SEP 2
MINIMUM DAILY, 11.88 ON JAN 13
MAXIMUM INSTANTANEOUS,
109 AT 21:23 EST ON NOV 16

SUMMARY FOR THE YEAR 1988

TYPE OF GAUGE - RECORDING
LOCATION - LAT 48 31 58 N
LONG 89 35 39 W
DRAINAGE AREA, 6 480 km²

B - ICE CONDITIONS

REGULATED

MONTHLY TOTAL DISCHARGE
IN CUBIC DECAMETRES

JAN	32 800	JUL	89 800
FEB	29 600	AUG	144 000
MAR	31 600	SEP	153 000
APR	74 800	OCT	142 000
MAY	78 100	NOV	140 000
JUN	58 800	DEC	144 000

TOTAL DISCHARGE, 1 090 000 dam³

KAMINISTIQUIA RIVER AT OUTLET OF DOG LAKE - STATION NO. 02AB004

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1988

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	3.40	5.80E	7.40	10.0	8	0	14.3	15.1	0	35.7	32.6	20.8	1
2	3.70	6.60E	9.40	8.38	---	2.10	13.0	18.9	0	33.6	34.6	25.1	2
3	3.60	7.00E	9.00	1.80	---	0	13.3	19.5	0	24.0	32.1	21.2	3
4	3.50	5.00E	11.3	0	---	0	16.7	16.5	0	28.3	34.5	21.1	4
5	3.90	6.40E	13.1	0	---	0	15.8	13.4	0	32.5	33.8	18.9	5
6	5.80	7.60E	10.4	0	---	12.2	13.7	0	0	33.3	33.0	15.3	6
7	4.30	7.80E	10.4	0	3.20	15.1	14.8	0	0	34.7	24.2	16.9	7
8	5.90	7.20E	7.00	0	1.70	5.20	15.0	0	0	37.6	25.6	18.5	8
9	4.70	7.00E	14.2	0	0	11.7	14.8	0	0	37.6	24.5	22.6	9
10	3.50	6.90E	10.8	0	0.200	13.3	14.9	0	11.0	36.4	24.8	28.8	10
11	5.40	6.90E	8.80	0	0	10.1	14.7	0	11.1	33.4	29.8	35.3	11
12	7.00	7.30E	12.2	0	0	10.4	16.1	0	0	34.9	30.9	34.2	12
13	6.80	5.80	10.2	0	0	11.8	15.9	10.5	18.7	36.2	32.2	30.9	13
14	5.30	6.90	10.1	0	0	8.70	14.5	0	20.2	32.2	27.6	25.7	14
15	2.80	6.70	9.80	0.200	0	7.80	16.2	0	21.3	34.1	23.8	28.8	15
16	5.90	6.50	8.90	---	0.320	8.40	15.8	0	24.9	35.3	3.00	27.4	16
17	6.70	7.40	10.9	0	0	7.10	14.5	0	24.4	30.0	0	30.8	17
18	6.40	7.20	10.3	0	0	9.70	15.8	0	22.4	34.5	0	29.5	18
19	5.80	6.30	10.2	0	0	8.20	14.8	0	23.7	30.8	0	29.8	19
20	3.30	6.20	10.3	0	12.3	7.70	17.3	0	19.8	33.0	3.80	30.5	20
21	6.80	7.70	10.8	0	0	8.40	17.4	0	19.8	33.2	5.80	27.1	21
22	5.70	6.60	10.2	0.800	0	9.30	16.6	0	22.6	33.8	---	30.2	22
23	4.80	10.8	10.5	0	---	9.60	14.8	0	20.2	34.6	8.20	27.7	23
24	5.80	6.70	10.3	0	---	10.7	16.8	0	22.8	28.3	17.8	30.8	24
25	5.20	6.50	6.20	0	---	12.8	17.0	0	20.8	26.4	18.5	30.5	25
26	5.30	6.90	10.0	0	---	12.9	14.0	0	18.4	25.8	15.9	32.2	26
27	4.50	6.50	10.4	0	0	12.0	17.2	0	19.4	27.6	18.4	32.0	27
28	5.70	5.70	8.30	0	0	12.4	18.5	0	19.3	26.3	19.9	32.1	28
29	5.00	6.80	9.40	0	0	12.9	17.7	0.800	21.2	26.4	20.3	32.8	29
30	5.60		8.80	0	3.40	14.3	11.2	0.100	27.6	28.8	19.9	32.8	30
31	5.00E		7.80		4.90		19.8	0		31.9		32.2	31
TOTAL	160.50	199.70	307.20	---	---	265.80	481.6	93.800	410.4	983.9	---	853.2	TOTAL
MEAN	5.18	6.89	9.91	---	---	8.86	15.5	3.03	13.7	32.1	---	27.5	MEAN
MAX	7.00	10.8	14.2	---	---	15.1	18.8	19.5	27.6	37.6	---	36.3	MAX
MIN	2.80	5.00	6.20	---	---	0	11.2	0	0	24.0	---	15.3	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MAXIMUM DAILY, 37.6 ON OCT 8
MINIMUM DAILY, 0 ON APR 4

DATA CONTRIBUTED BY -
ONTARIO HYDRO

SUMMARY FOR THE YEAR 1988

TYPE OF GAUGE - POWER PLANT
LOCATION - LAT 48 42 30 N
LONG 89 38 00 W
DRAINAGE AREA, 3 760 km²

E - ESTIMATED
REGULATED

MONTHLY TOTAL DISCHARGE
IN CUBIC DECAMETRES

JAN	13 900	JUL	41 600
FEB	17 300	AUG	8 100
MAR	28 500	SEP	35 500
APR	---	OCT	85 900
MAY	---	NOV	---
JUN	23 000	DEC	73 700

KAPUSKASING RIVER AT KAPUSKASING - STATION NO. 04LF001

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1988

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	16.0	9.00	6.00	14.0	373	101	69.0	16.0	65.0	72.0	55.0	147	1
2	17.0	8.00	8.00	15.0	411	101	83.0	17.0	55.0	71.0	52.0	135	2
3	21.0	13.0	8.00	15.0	423	97.0	58.0	31.0	55.0	68.0	48.0	140	3
4	25.0	14.0	13.0	12.0	424	94.0	46.0	48.0	53.0	53.0	46.0	108	4
5	16.0	10.0	8.00	16.0	396	85.0	50.0	114	50.0	52.0	53.0	117	5
6	15.0	8.00	14.0	21.0	382	77.0	46.0	177	50.0	62.0	110	117	6
7	15.0	13.0	8.00	31.0	317	77.0	37.0	188	41.0	38.0	171	104	7
8	17.0	10.0	4.00	46.0	288	74.0	38.0	135	46.0	44.0	175	94.0	8
9	17.0	8.00	6.00	50.0	273	67.0	37.0	107	41.0	44.0	181	88.0	9
10	17.0	12.0	10.0	73.0	285	85.0	25.0	88.0	39.0	11.0	181	82.0	10
11	15.0	10.0	13.0	77.0	281	85.0	33.0	82.0	37.0	62.0	181	80.0	11
12	15.0	8.00	9.00	94.0	284	85.0	35.0	63.0	38.0	74.0	189	74.0	12
13	15.0	8.00	12.0	118	347	89.0	31.0	60.0	38.0	74.0	182	73.0	13
14	17.0	14.0	14.0	147	388	46.0	31.0	88.0	35.0	76.0	189	71.0	14
15	14.0	8.00	8.00	181	352	85.0	27.0	195	35.0	88.0	149	85.0	15
16	12.0	8.00	8.00	181	323	48.0	27.0	217	35.0	85.0	173	85.0	16
17	11.0	8.00	15.0	167	285	48.0	25.0	180	34.0	88.0	212	80.0	17
18	14.0	13.0	11.0	177	248	48.0	23.0	161	32.0	80.0	212	88.0	18
19	14.0	12.0	15.0	175	237	48.0	23.0	131	33.0	85.0	181	84.0	19
20	14.0	8.00	8.00	170	187	50.0	23.0	98.0	41.0	88.0	178	80.0	20
21	14.0	12.0	14.0	158	185	48.0	21.0	85.0	30.0	53.0	185	88.0	21
22	14.0	8.00	8.00	157	161	48.0	21.0	79.0	32.0	55.0	150	80.0	22
23	10.0	12.0	11.0	150	149	44.0	21.0	88.0	48.0	50.0	148	80.0	23
24	12.0	9.00	12.0	184	132	35.0	19.0	55.0	56.0	50.0	139	82.0	24
25	14.0	8.00	8.00	185	126	58.0	19.0	80.0	85.0	49.0	121	85.0	25
26	14.0	8.00	14.0	210	121	84.0	15.0	85.0	58.0	53.0	121	48.0	26
27	10.0	14.0	11.0	229	117	91.0	19.0	82.0	67.0	53.0	129	82.0	27
28	8.00	10.0	13.0	251	114	87.0	17.0	85.0	71.0	57.0	180	44.0	28
29	13.0	8.00	14.0	285	111	88.0	25.0	83.0	71.0	58.0	181	42.0	29
30	14.0		14.0	329	117	71.0	17.0	76.0	80.0	82.0	185	42.0	30
31	14.0		10.0		114		17.0	58.0		57.0		44.0	31
TOTAL	453.00	282.00	326.00	3 868.0	7 899	2 030.0	960.0	2 890.0	1 430.0	1 783.0	4 297.0	2 343.0	TOTAL
MEAN	14.6	10.1	10.5	129	255	67.7	31.0	96.5	47.7	58.9	143	75.6	MEAN
MAX	25.0	14.0	15.0	329	424	101	83.0	217	80.0	76.0	212	147	MAX
MIN	8.00	8.00	4.00	12.0	111	35.0	15.0	15.0	30.0	11.0	46.0	42.0	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 78.3
MAXIMUM DAILY, 424 ON MAY 4
MINIMUM DAILY, 4.00 ON MAR 8

DATA CONTRIBUTED BY -
SPRUCE FALLS POWER AND PAPER COMPANY

SUMMARY FOR THE YEAR 1988

TYPE OF GAUGE - MANUAL
LOCATION - LAT 49 25 04 N
LONG 82 26 15 W
DRAINAGE AREA, 6 780 km²

REGULATED

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	39 100	JUL	82 800
FEB	25 200	AUG	256 000
MAR	28 200	SEP	124 000
APR	334 000	OCT	152 000
MAY	682 000	NOV	371 000
JUN	176 000	DEC	202 000

TOTAL DISCHARGE, 2 470 000 dam³

KASHABOWIE RIVER AT OUTLET OF KASHABOWIE LAKE - STATION NO. 02AB013

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1988

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	2.70	3.50	3.70	3.30	0	3.30	2.70	0.900	18.1	1.50	4.30	7.00	1
2	2.70	3.50	5.30	3.20	0	3.30	2.50	0.900	19.7	1.80	4.30	7.00	2
3	2.70	3.50	5.20	3.20	0	3.30	2.50	2.20	20.1	1.80	4.30	7.00	3
4	2.80	3.40	5.10	3.20	0	3.30	2.20	2.20	20.8	2.20	4.30	7.00	4
5	2.80	3.40	4.90	3.30	0	3.30	2.20	3.80	19.7	2.10	4.50	6.80	5
6	2.80	3.30	4.80	1.50	0	3.30	2.20	6.50	18.8	2.10	4.50	6.60	6
7	2.80	3.30	4.70	0	0	3.70	1.40	6.90	18.3	2.10	4.50	6.20	7
8	2.80	3.20	4.60	0	0	3.30	1.40	7.60	17.6	2.40	4.50	6.20	8
9	2.60	3.20	4.60	0	0	3.30	1.40	7.60	16.1	2.40	4.50	6.20	9
10	2.40	3.10	4.50	0	0	3.10	1.40	7.60	15.1	2.80	4.50	6.20	10
11	4.10	3.10	4.40	0	0	2.70	1.60	7.60	15.1	2.80	4.80	6.90	11
12	5.20	3.00	4.40	0	0	---	1.80	8.40	14.0	2.80	4.80	7.10	12
13	5.20	2.90	4.30	0	0	2.70	1.20	10.1	10.8	2.80	4.80	8.00	13
14	5.10	2.80	4.20	0	0	3.70	1.20	11.8	10.1	2.80	4.80	8.60	14
15	5.10	2.80	4.20	0	0	3.80	1.60	15.7	9.50	2.80	4.50	8.30	15
16	4.90	2.80	4.10	0	0	3.70	1.40	16.4	9.30	2.80	5.50	7.90	16
17	4.70	2.80	4.00	0	0	3.80	1.40	16.7	9.00	2.80	5.50	7.80	17
18	4.80	2.80	3.90	0	0.400	3.80	1.40	19.3	8.80	2.80	5.50	7.30	18
19	4.50	2.70	3.80	0	0.600	3.80	1.20	19.3	8.80	2.80	5.90	6.80	19
20	4.50	2.70	3.70	0	0.700	3.70	1.20	19.3	8.50	2.80	6.20	6.80	20
21	4.40	2.70	3.60	0	1.40	3.70	1.40	18.4	8.20	2.80	6.80	6.50	21
22	4.40	2.70	3.60	0	1.80	3.80	1.20	17.4	7.80	2.80	6.60	6.20	22
23	4.20	2.70	3.60	0	1.80	3.70	1.20	19.3	7.90	3.10	6.60	6.20	23
24	4.10	2.70	3.60	0	2.00	3.30	1.20	20.8	7.60	3.30	6.60	6.00	24
25	4.10	2.70	3.60	0	2.00	3.30	1.20	24.1	7.60	3.80	6.60	6.00	25
26	3.90	2.60	3.60	0	2.30	3.30	1.20	22.5	7.50	3.60	6.60	6.00	26
27	3.80	2.60	3.50	0	2.70	3.30	1.00	21.8	7.50	3.80	7.00	5.70	27
28	3.70	2.60	3.50	0	3.10	3.30	0.800	21.1	3.60	3.80	7.00	5.70	28
29	3.60	2.50	3.40	0	3.30	3.30	0.800	20.8	1.40	3.80	7.00	5.60	29
30	3.60		3.40	0	3.30	2.40	0.800	19.7	1.40	3.80	7.00	5.50	30
31	3.50		3.30		3.30		0.800	19.1		3.80		5.50	31
TOTAL	116.70	85.70	126.80	17.70	28.700	---	45.700	421.300	348.30	85.90	184.10	208.10	TOTAL
MEAN	3.76	2.98	4.08	0.590	0.926	---	1.47	13.6	11.6	2.77	5.47	6.85	MEAN
MAX	5.20	3.50	5.30	3.30	3.30	---	2.70	24.1	20.8	3.80	7.00	8.00	MAX
MIN	2.40	2.50	3.30	0	0	---	0.800	0.800	1.40	1.50	4.30	5.50	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MAXIMUM DAILY, 24.1 ON AUG 25
MINIMUM DAILY, 0 ON APR 7

DATA CONTRIBUTED BY -
ONTARIO HYDRO

SUMMARY FOR THE YEAR 1988

TYPE OF GAUGE - MANUAL
LOCATION - LAT 48 39 25 N
LONG 90 25 03 W
DRAINAGE AREA, 526 km²

REGULATED SINCE 1953

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	10 100	JUL	3 950
FEB	7 400	AUG	38 400
MAR	10 900	SEP	30 200
APR	1 530	OCT	7 420
MAY	2 480	NOV	14 200
JUN	---	DEC	17 800

KAWINOGANS RIVER NEAR PICKLE CROW - STATION NO. 04FA002

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1988

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	4.08B	3.44B	2.78B	2.48B	8.68	15.9	18.0	17.4	12.0	23.9	14.4	9.18B	1
2	4.06B	3.46B	2.77B	2.49B	8.77	16.2	18.0	16.9	13.4	23.4	14.2	9.10B	2
3	4.04B	3.42B	2.75B	2.50B	10.7	15.9	16.8	16.0	14.1	22.8	14.2	9.05B	3
4	4.02B	3.38B	2.73B	2.52B	11.2	15.5	15.9	14.9	13.8	22.9	14.1	9.02B	4
5	4.00B	3.37B	2.71B	2.56B	11.5	14.9	14.4	14.3	13.3	23.0	13.7	8.95B	5
6	3.98B	3.35B	2.70B	2.60B	11.3	13.9	17.2	13.7	12.8	22.6	13.1	8.40B	6
7	3.96B	3.33B	2.68B	2.63B	11.1	13.1	20.7	13.3	11.6	22.1	12.9	8.05B	7
8	3.94B	3.31B	2.66B	2.66B	11.0	12.4	22.4	13.3	10.9	21.7	12.7	7.87B	8
9	3.92B	3.29B	2.64B	2.72B	11.1	11.7	22.6	12.6	10.1	21.2	12.5	7.75B	9
10	3.90B	3.26B	2.63B	2.77B	11.2	11.0	22.9	12.1	9.64	20.7	12.2	7.65B	10
11	3.88B	3.23B	2.61B	2.85B	10.9	10.5	23.2	11.3	9.59	20.3	11.8	7.53B	11
12	3.86B	3.21B	2.60B	2.85B	10.5	10.5	23.1	10.5	12.3	19.6	11.5	7.48B	12
13	3.84B	3.19B	2.58B	3.02B	10.2	11.1	23.6	10.0	14.8	19.3	11.7	7.43B	13
14	3.82B	3.17B	2.57B	3.12B	9.83	10.9	25.9	9.52	15.8	18.6	11.6	7.40B	14
15	3.80B	3.15B	2.56B	3.20B	9.54	13.6	26.8	9.17	16.2	18.1	11.5	7.35B	15
16	3.78B	3.12B	2.55B	3.33B	9.76	18.4	27.0	9.24	15.7	17.8	11.6	7.30B	16
17	3.76B	3.10B	2.54B	3.46B	9.70	16.6	26.4	8.78	15.3	17.8	10.7 B	7.27B	17
18	3.74B	3.08B	2.53B	3.60B	9.73	16.6	25.6	8.26	14.8	17.5	10.5 B	7.24B	18
19	3.72B	3.05B	2.52B	3.78B	9.84	17.1	24.5	7.86	14.9	17.3	10.4 B	7.20B	19
20	3.70B	3.03B	2.51B	3.97B	9.86	17.7	23.9	7.55	14.0	16.7	10.3 B	7.15B	20
21	3.68B	3.01B	2.50B	4.15B	10.6	18.1	23.4	7.13	20.4	16.7	10.3 B	7.08B	21
22	3.66B	2.99B	2.49B	4.40B	11.5	19.1	22.9	6.86	21.6	16.7	10.3 B	7.05B	22
23	3.64B	2.96B	2.49B	4.60B	11.9	18.8	22.2	7.10	21.8	16.4	10.2 B	7.03B	23
24	3.62B	2.93B	2.48B	4.86	11.8	18.3	20.9	7.16	21.4	16.5	10.2 B	7.00B	24
25	3.60B	2.91B	2.47B	5.27	11.4	18.1	19.7	7.88	22.6	16.5	10.2 B	6.95B	25
26	3.58B	2.89B	2.47B	5.42	11.0	20.6	18.7	8.22	22.3	16.2	10.0 B	6.88B	26
27	3.56B	2.86B	2.46B	5.70	10.7	21.5	18.2	8.13	22.1	15.6	9.76B	6.84B	27
28	3.54B	2.83B	2.46B	6.07	10.3	21.5	16.8	10.5	23.8	15.2	9.55B	6.81B	28
29	3.52B	2.81B	2.45B	6.80	10.5	20.9	16.8	11.6	24.3	15.0	9.35B	6.78B	29
30	3.51B		2.45B	7.73	10.9	19.9	17.5	12.1	24.3	15.0	9.20B	6.75B	30
31	3.50B		2.48B		14.2		17.2	12.1		15.0		6.72B	31
TOTAL	117.21	91.17	78.81	114.32	332.12	478.6	654.2	336.28	494.13	581.9	344.85	234.28	TOTAL
MEAN	3.78	3.14	2.57	3.81	10.7	16.0	21.1	10.8	16.5	18.8	11.5	7.55	MEAN
MAX	4.08	3.46	2.78	7.73	14.2	21.5	27.0	17.4	24.3	23.9	14.4	9.18	MAX
MIN	3.50	2.81	2.46	2.48	8.68	10.5	14.4	8.88	9.59	15.0	9.20	6.72	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 10.5
MAXIMUM DAILY, 27.0 ON JUL 18
MINIMUM DAILY, 2.46B ON MAR 29
MAXIMUM INSTANTANEOUS,
27.1 AT 14:58 EST ON JUL 18

SUMMARY FOR THE YEAR 1988

TYPE OF GAUGE - RECORDING
LOCATION - LAT 51 38 40 N
LONG 89 53 30 W
DRAINAGE AREA, 1 540 km²

B - ICE CONDITIONS

REGULATED

MONTHLY TOTAL DISCHARGE
IN CUBIC DECAMETRES

JAN	10 100	JUL	56 500
FEB	7 880	AUG	29 100
MAR	6 900	SEP	42 700
APR	9 880	OCT	50 300
MAY	28 700	NOV	29 800
JUN	41 400	DEC	20 200

TOTAL DISCHARGE, 333 000 dam³

KEMPTVILLE CREEK NEAR KEMPTVILLE - STATION NO. 02LA008

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1988

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	5.20 B	5.60	2.01B	30.9	11.2	1.71	0.153	0.052	0.025	0.068	3.77	5.71	1
2	3.95 B	4.84	1.92B	27.2	10.1	1.51	0.140	0.051	0.024	0.074	5.09	5.28	2
3	2.80 B	4.20B	1.82B	24.9	8.43	1.32	0.130	0.047	0.024	0.093	7.84	4.83	3
4	2.20 B	3.40B	1.76B	26.8	7.07	1.13	0.118	0.046	0.027	0.097	8.68	4.21	4
5	2.10 B	2.65B	1.71B	27.4	6.09	0.913	0.108	0.044	0.023	0.090	9.13	4.08	5
6	1.95 B	2.05B	1.69B	25.9	5.24	0.824	0.089	0.038	0.021	0.083	13.0	3.80	6
7	1.85 B	1.78B	1.66B	23.1	4.54	0.788	0.086	0.045	0.020	0.086	14.5	3.81	7
8	1.40 B	1.58B	1.63B	20.4	4.09	0.684	0.082	0.034	0.020	0.077	14.5	3.35	8
9	1.20 B	1.48B	2.00B	18.2	3.56	0.587	0.075	0.027	0.020	0.080	14.2	2.85 B	9
10	1.02 B	1.38B	2.75B	16.2	3.13	0.528	0.082A	0.027	0.018	0.080	13.7	2.42 B	10
11	0.900B	1.31B	4.27B	14.3	2.01	0.425	0.080	0.026	0.018	0.083	13.0	2.05 B	11
12	0.870B	1.34B	4.00B	12.3	1.85	0.404	0.078	0.021	0.018	0.140	11.9	1.75 B	12
13	0.850B	1.37B	3.65B	10.7	2.27	0.373	0.082	0.022	0.016	0.183	11.0	1.45 B	13
14	0.840B	1.28B	3.57B	9.62	2.23	0.372	0.080	0.026	0.015	0.204	10.5	1.17	14
15	0.833B	1.22B	3.58B	8.82	2.05	0.386	0.075	0.031	0.013	0.155	9.83	1.03	15
16	0.822B	1.25B	3.81B	8.02	1.93	0.380	0.080	0.028	0.013	0.127	8.15	0.970B	16
17	0.810B	1.21B	4.10B	7.36	2.01	0.313	0.074	0.024	0.015	0.106	8.68	0.940B	17
18	0.800B	1.18B	4.51B	6.56	1.99	0.280	0.078	0.023	0.033A	0.111	7.88	0.910B	18
19	0.860B	1.14B	4.26B	5.83	2.16	0.248	0.081	0.021	0.025	0.111	7.18	0.885B	19
20	1.14 B	1.26B	4.01B	5.32	3.54	0.205	0.080	0.020	0.020	0.106	6.85	0.880B	20
21	1.35 B	1.50B	3.85B	5.04	5.90	0.188	0.075	0.020	0.018	0.105	6.70	1.11 B	21
22	1.42 B	1.68B	3.70B	4.86	6.74	0.163	0.075	0.019	0.015	0.186	6.83	1.13 B	22
23	1.31 B	2.02B	3.47B	4.76	6.35	0.182	0.061	0.018	0.016	0.433	6.74	1.09 B	23
24	1.19 B	2.45B	7.80	4.75	5.51	0.184	0.078	0.031	0.015	1.12	6.87	1.03 B	24
25	1.08 B	2.76B	10.5	4.79	4.57	0.164	0.073	0.048	0.014	3.08	6.50	0.880B	25
26	1.02 B	2.65B	23.7	4.58	4.04	0.170	0.076	0.050	0.014	3.67	6.30	0.840B	26
27	0.961B	2.50B	36.4	4.47	3.41	0.140	0.071	0.035	0.221	3.82	6.22	0.905B	27
28	0.938B	2.33B	39.1	4.71	2.90	0.128	0.083	0.028	0.328	4.30	6.41	0.870B	28
29	0.918B	2.15B	36.0	8.28	2.52	0.124	0.059	0.026	0.120	4.47	6.45	0.855B	29
30	0.910B		34.5	11.1	2.24	0.136	0.055	0.027	0.081	4.13	6.05	0.844B	30
31	2.10 B		33.6		1.98		0.052	0.027		3.89		0.840B	31
TOTAL	45.512	61.89	291.37	387.19	131.63	14.897	2.584	0.884	1.246	31.388	265.15	63.189	TOTAL
MEAN	1.47	2.13	9.40	12.9	4.25	0.497	0.083	0.032	0.042	1.01	8.84	2.04	MEAN
MAX	5.20	5.60	39.1	30.9	11.2	1.71	0.153	0.052	0.328	4.47	14.5	5.71	MAX
MIN	0.800	1.14	1.63	4.47	1.85	0.124	0.052	0.018	0.013	0.068	3.77	0.840	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 3.54
MAXIMUM DAILY, 39.1 ON MAR 28
MINIMUM DAILY, 0.013 ON SEP 15
MAXIMUM INSTANTANEOUS,
40.5 AT 01:34 EST ON MAR 28

SUMMARY FOR THE YEAR 1988

TYPE OF GAUGE - RECORDING
LOCATION - LAT 44 59 38 N
LONG 75 38 48 W
DRAINAGE AREA, 409 km²
A - MANUAL GAUGE
B - ICE CONDITIONS

REGULATED SINCE 1951

MONTHLY TOTAL DISCHARGE
IN CUBIC DECAMETRES

JAN	3 830	JUL	223
FEB	5 330	AUG	85.0
MAR	25 200	SEP	108
APR	33 500	OCT	2 710
MAY	11 400	NOV	22 900
JUN	1 280	DEC	5 480

TOTAL DISCHARGE, 112 000 dam³

KENNY CREEK NEAR BURFORD - STATION NO. 02GB009

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1988

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	0.5408	2.05	0.2038	1.82	1.05	0.145	0.008	5.86	0.086	0.088	0.818	0.784	1
2	0.4808	2.49	0.3718	1.55	0.742	0.136	0.007	2.36	0.081	0.098	0.581	0.701	2
3	0.376	1.61 B	0.3678	1.87	0.555	0.130	0.006	1.14	0.087	0.122	0.488	0.832	3
4	0.3308	0.9188	0.3398	5.05	0.459	0.122	0.004	0.639	0.120	0.140	0.470	0.588	4
5	0.2808	0.6528	0.3318	4.57	0.383	0.119	0	0.419	0.283	0.139	0.808	0.513	5
6	0.261	0.5258	0.4258	2.81	0.343	0.111	0.002	0.858	0.252	0.128	1.80	0.484	6
7	0.239	0.4238	0.622E	2.02	0.304	0.103	0.005	0.809	0.185	0.117	2.55	0.487	7
8	0.220	0.3838	0.840E	1.64	0.274	0.103	0.004	0.384	0.142	0.111	3.12	0.430	8
9	0.205	0.3498	2.11 E	1.23	0.263	0.098	0.004	0.257	0.126	0.110	3.26	0.3748	9
10	0.185	0.3288	4.20 E	0.994	0.299	0.094	0.005	0.348	0.110	0.122	2.88	0.3348	10
11	0.168	0.3088	3.50 E	0.812	0.319	0.088	0.009	0.582	0.101	0.739	3.42	0.2808	11
12	0.163	0.2888	2.44 E	0.678	0.298	0.080	0.006	3.25	0.094	1.32	2.74	0.2498	12
13	0.1718	0.2788	1.62 E	0.595	0.265	0.075	0.005	3.00	0.082	0.890	2.41	0.252	13
14	0.1678	0.2708	1.15 E	0.544	0.245	0.086	0.005	1.14	0.081	0.554	4.85	0.284	14
15	0.137	0.300E	0.885E	0.822	0.237	0.058	0.004	0.806	0.080	0.423	3.86	0.272	15
16	0.132	0.321E	0.703E	0.488	0.728	0.052	0.017	0.402	0.075	0.348	2.37	0.2418	16
17	0.144	0.350E	0.580E	0.427	1.78	0.048	0.237	0.307	0.103	0.314	1.71	0.238	17
18	0.222	0.389E	0.512E	0.430	1.36	0.045	0.675	0.237	0.138	1.60	1.31	0.231	18
19	0.362	0.350E	0.484E	0.432	0.831	0.041	0.262	0.194	0.138	3.21	1.08	0.223	19
20	0.412	0.388E	0.475E	0.403	0.789	0.033	0.138	0.167	0.128	2.80	1.24	0.285	20
21	0.5728	0.383E	0.488A	0.423	0.886	0.029	0.103	0.149	0.124	1.68	3.75	0.872	21
22	0.4708	0.378E	0.501	0.420	0.655	0.023	0.152	0.133	0.115	1.49	4.89	0.842	22
23	0.358	0.372E	0.524	0.435	0.627	0.025	0.214	0.128	0.145	1.44	2.85	1.00	23
24	0.263	0.310E	1.34	0.504	0.535	0.026	0.207	0.137	0.172	1.28	1.92	1.74	24
25	0.227	0.289B	2.85	0.480	0.385	0.014	0.224	0.139	0.161	1.30	1.45	1.46	25
26	0.2078	0.2498	7.74	0.402	0.304	0.011	0.238	0.140	0.132	1.22	1.21	0.831	26
27	0.1768	0.2298	8.72	0.387	0.256	0.010	0.154	0.130	0.111	0.881	1.19	0.895	27
28	0.173	0.2138	4.28	0.415	0.218	0.008	0.134	0.124	0.098	0.659	1.19	2.88	28
29	0.182	0.2048	2.83	0.748	0.195	0.007	0.143	0.121	0.088	0.905	1.03	7.69	29
30	0.183		2.88	1.13	0.173	0.008	0.501	0.113	0.088	0.838	0.887	5.15	30
31	0.721		2.34		0.159		17.4	0.105		0.887		2.44	31
TOTAL	8.676	15.823	54.120	34.187	15.835	1.909	20.894	24.036	3.788	25.870	81.908	33.982	TOTAL
MEAN	0.280	0.539	1.75	1.14	0.511	0.064	0.674	0.775	0.126	0.835	2.06	1.10	MEAN
MAX	0.721	2.49	7.74	5.05	1.78	0.145	17.4	5.86	0.263	3.21	4.89	7.69	MAX
MIN	0.132	0.204	0.203	0.387	0.159	0.007	0	0.105	0.075	0.088	0.470	0.223	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 0.822
MAXIMUM DAILY, 17.4 ON JUL 31
MINIMUM DAILY, 0 ON JUL 5
MAXIMUM INSTANTANEOUS,
33.7 AT 10:54 EST ON JUL 31

SUMMARY FOR THE YEAR 1988

TYPE OF GAUGE - RECORDING
LOCATION - LAT 43 05 57 N
LONG 80 28 19 W
DRAINAGE AREA, 81.8 km²
A - MANUAL GAUGE
B - ICE CONDITIONS
E - ESTIMATED
NATURAL FLOW

MONTHLY TOTAL DISCHARGE
IN CUBIC DECAMETRES

JAN	750	JUL 1 810	
FEB 1 380		AUG 2 080	
MAR 4 680		SEP 335	
APR 2 850		OCT 2 240	
MAY 1 370		NOV 5 350	
JUN 185		DEC 2 930	

TOTAL DISCHARGE, 28 000 dam³

KENOGAMI RIVER AT KENOGAMI DAM - STATION NO. 04JD002

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1988

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	0	0	0	0	0	0	0	0	0	65.2	0	0	1
2	0	0	0	0	0	0	0	0	0	62.5	0	0	2
3	0	0	0	0	0	0	0	0	0	59.5	0	0	3
4	0	0	0	0	0	0	0	0	0	56.8	0	0	4
5	0	0	0	0	0	0	0	0	0	21.3	0	0	5
6	0	0	0	0	0	0	0	0	0	0	0	0	6
7	0	0	0	0	0	0	0	0	0	0	0	0	7
8	0	0	0	0	0	0	0	0	0	0	0	0	8
9	0	0	0	0	0	0	0	0	0	0	0	0	9
10	0	0	0	0	0	0	0	0	0	0	0	0	10
11	0	0	0	0	0	0	0	0	0	0	0	0	11
12	0	0	0	0	0	0	0	0	0	0	0	0	12
13	0	0	0	0	0	0	0	0	0	0	0	0	13
14	0	0	0	0	0	0	0	0	0	0	0	0	14
15	0	0	0	0	0	0	0	0	0	0	0	0	15
16	0	0	0	0	0	0	0	0	0	0	0	0	16
17	0	0	0	0	0	0	0	0	0	0	0	0	17
18	0	0	0	0	0	0	0	0	0	0	0	0	18
19	0	0	0	0	0	0	0	0	0	0	0	0	19
20	0	0	0	0	0	0	0	0	0	0	0	0	20
21	0	0	0	0	0	0	0	0	0	0	0	0	21
22	0	0	0	0	0	0	0	0	0	0	0	0	22
23	0	0	0	0	0	0	0	0	0	0	0	0	23
24	0	0	0	0	0	0	0	0	0	0	0	0	24
25	0	0	0	0	0	0	0	0	0	0	0	0	25
26	0	0	0	0	0	0	0	0	0	0	0	0	26
27	0	0	0	0	0	0	0	0	0	0	0	0	27
28	0	0	0	0	0	0	0	0	0	0	0	0	28
29	0	0	0	0	0	0	0	0	40.7	0	0	0	29
30	0		0	0	0	0	0	0	88.3	0	0	0	30
31	0		0		0		0	0		0		0	31
TOTAL	0	0	0	0	0	0	0	0	109.0	285.1	0	0	TOTAL
MEAN	0	0	0	0	0	0	0	0	3.63	9.55	0	0	MEAN
MAX	0	0	0	0	0	0	0	0	88.3	65.2	0	0	MAX
MIN	0	0	0	0	0	0	0	0	0	0	0	0	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 1.02
MAXIMUM DAILY, 88.3 ON SEP 30
MINIMUM DAILY, 0 ON JAN 1

DATA CONTRIBUTED BY -
ONTARIO HYDRO

SUMMARY FOR THE YEAR 1988

TYPE OF GAUGE - MANUAL
LOCATION - LAT 49 55 05 N
LONG 88 28 17 W
DRAINAGE AREA, 4 270 km²

REGULATED SINCE 1939

MONTHLY TOTAL DISCHARGE
IN CUBIC DECAMETRES

JAN	0	JUL	0
FEB	0	AUG	0
MAR	0	SEP	9 420
APR	0	OCT	22 900
MAY	0	NOV	0
JUN	0	DEC	0

TOTAL DISCHARGE, 32 300 dam³

KENOGAMI RIVER NEAR MANITAMATTAWA - STATION NO. 04JC001

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1988

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	106 B	61.0B	44.4B	53.5B	1 150E	552	485 E	78.0	243	410	241B	262B	1
2	106 B	60.2B	44.3B	56.0B	1 340E	537	410 E	81.8	231	391	240B	246B	2
3	104 B	59.5B	44.3B	54.6B	1 500E	530	380 E	87.0	219	370	240B	235B	3
4	102 B	59.0B	44.2B	54.0B	1 710E	508A	325 E	95.3	208	355	246B	224B	4
5	99.5B	58.3B	44.0B	70.5B	1 770E	475E	300 E	114	197	338	280B	214B	5
6	97.5B	57.5B	43.9B	82.0B	1 710	415E	275 E	161	185	325	244B	204B	6
7	95.0B	56.6B	43.8B	100 B	1 570	375E	280 E	200	174	310	235B	186B	7
8	92.5B	55.8B	43.7B	132 B	1 450	335E	275 E	242	165	297	227B	189B	8
9	91.0B	55.4B	43.6B	165 B	1 380	300E	262 E	248	156	278	223B	183B	9
10	89.0B	54.6B	43.4B	212 B	1 370	272E	245 E	233	150	270	234B	177B	10
11	87.5B	54.0B	43.2B	255 B	1 380	248E	222 E	215	141	267	248B	172B	11
12	86.0B	53.5B	42.8B	345 B	1 310	230E	205 E	207	142	259	258B	167B	12
13	84.0B	52.6B	42.4B	450 B	1 280	225E	185 E	197	138	255	253B	163B	13
14	82.8B	52.2B	42.1B	560 B	1 320	228E	180 E	193	139	250	238B	154B	14
15	81.5B	51.5B	42.1B	670 B	1 340	250E	185 E	238	144	244	228B	154B	15
16	80.0B	51.0B	42.0B	780 B	1 310	280E	189 E	488	147	237	216B	150B	16
17	78.5B	50.3B	42.0B	820 B	1 230	335E	176 E	595	148	233	230B	146B	17
18	77.0B	48.8B	42.0B	830 B	1 150	355E	165 E	578	150	237	265B	142B	18
19	76.0B	49.4B	42.0B	820 B	1 080	405E	153 E	516	147	244	295B	138B	19
20	75.0B	48.8B	42.1B	805 B	988	490E	135 E	442	189	247	330B	134B	20
21	73.5B	48.2B	42.3B	795 B	918	525E	120 A	380	237	248	370B	131B	21
22	72.0B	47.8B	42.8B	782 B	851	520E	111	329	355	245	395B	128B	22
23	71.0B	47.4B	43.0B	778 B	794	505E	106	285	430	248	385B	126B	23
24	69.5B	47.0B	43.5B	782 B	733	505E	101	259	444	248	345B	121B	24
25	68.0B	46.6B	44.0B	802 B	675	585E	98.3	241	444	249	370B	118B	25
26	67.0B	46.2B	44.5B	840 B	628	665E	94.3	237	435	248	350B	118B	26
27	66.0B	45.9B	45.1B	875 B	587	760E	89.8	254	431	248	325B	113B	27
28	65.0B	45.5B	46.0B	930 B	548	735E	85.4	286	432	247B	305B	110B	28
29	64.0B	45.0B	47.2B	981 E	527	850E	81.8	273	438	247B	280B	108B	29
30	63.0B		48.5B	1 010	548	580E	82.8	289	431	246B	278B	105B	30
31	62.0B		50.3B		563		78.9	257		244B		104B	31
TOTAL	2 533.5	1 510.8	1 358.3	15 893.6	34 671	13 372	6 071.3	8 258.2	7 474	8 539	8 401	4 934	TOTAL
MEAN	81.7	52.1	43.8	530	1 120	446	195	266	249	275	280	159	MEAN
MAX	108	61.0	50.3	1 010	1 770	760	485	595	444	410	395	282	MAX
MIN	62.0	45.0	42.0	53.5	527	225	78.9	78.0	139	233	216	104	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 309
MAXIMUM DAILY, 1 770E ON MAY 6
MINIMUM DAILY, 42.0B ON MAR 18

SUMMARY FOR THE YEAR 1988

TYPE OF GAUGE - RECORDING
LOCATION - LAT 50 26 20 N
LONG 84 23 15 W
DRAINAGE AREA, 28 200 km²
A - MANUAL GAUGE
B - ICE CONDITIONS
E - ESTIMATED
REGULATED SINCE 1939

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	218 000	JUL	525 000
FEB	131 000	AUG	714 000
MAR	117 000	SEP	646 000
APR	1 370 000	OCT	738 000
MAY	3 000 000	NOV	726 000
JUN	1 180 000	DEC	426 000

TOTAL DISCHARGE, 9 770 000 dam³

KETTLE CREEK ABOVE ST. THOMAS - STATION NO. 02GC029

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1988

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	0.512B	7.39 E	0.561B	1.39	0.278	0.072	0.001	0.068	0.008	0.022	0.283	0.611E	1
2	0.381B	3.31 E	0.769B	1.15	0.251	0.081	0.002	0.178	0.008	0.023	0.243	0.580E	2
3	0.388B	1.55 B	2.35 B	2.05	0.256	0.075	0.001	0.331	0.008	0.032	0.210	0.530E	3
4	0.287B	0.756B	1.49 B	5.79	0.237	0.069	0.002	0.085	0.027	0.035	0.205	0.549E	4
5	0.247B	0.680B	0.822B	3.26	0.214	0.068	0	0.043	0.064	0.028	0.491	0.500E	5
6	0.228B	0.488B	1.10 B	1.98	0.196	0.065	0.002	0.116	0.051	0.027	1.69	0.440E	6
7	0.209B	0.428B	1.90 B	1.87	0.204	0.043	0	0.123	0.045	0.023	2.79	0.426E	7
8	0.200B	0.410B	2.62 B	1.54	0.175	0.038	0.001	0.075	0.041	0.026	2.53	0.383E	8
9	0.169B	0.410B	3.84 B	1.10	0.171	0.040	0	0.046	0.031	0.025	2.18	0.352E	9
10	0.155B	0.398B	2.35	0.870	0.212	0.047	0.001	0.032	0.024	0.031	2.55	0.302B	10
11	0.143B	0.393B	1.58	0.738	0.189	0.040	0.013	0.033	0.020	0.087	2.18	0.302B	11
12	0.139B	0.384B	1.48	0.613	0.162	0.033	0.013	0.026	0.017	0.302	1.34	0.228B	12
13	0.151B	0.382B	1.88	0.525	0.148	0.035	0.006	0.016	0.017	0.618	8.27	0.184B	13
14	0.109B	0.381B	1.31	0.489	0.135	0.031	0.005	0.013	0.018	0.398	6.07	0.180B	14
15	0.103B	0.458B	0.981	0.452	0.132	0.027	0.001	0.085	0.018	0.277	2.38	0.185B	15
16	0.219E	0.782B	0.835	0.393	0.806	0.021	0.006	0.163	0.004	0.221	1.46	0.180B	16
17	0.318E	1.22 B	0.699	0.358	0.571	0.018	0.175	0.101	0.011	0.180	1.16	0.175B	17
18	1.37 E	1.06 B	0.769	0.389	0.412	0.014	0.296	0.040	0.014	1.87	0.885	0.170B	18
19	1.08 E	1.37 B	0.816	0.355	0.300	0.013	0.143	0.034	0.015	1.40	0.722	0.185B	19
20	1.01 E	3.40 B	0.718B	0.328	0.281	0.014	0.068	0.024	0.019	0.895	4.01	0.402	20
21	1.47 E	2.05 B	0.580B	0.364	0.372	0.018	0.043	0.017	0.015	0.488	13.0 E	1.12	21
22	0.549B	2.90 B	0.536B	0.335	0.494	0.013	0.033	0.015	0.015	0.601	8.06 E	0.673	22
23	0.358B	13.1 B	0.648B	0.359	0.359	0.010	0.025	0.015	0.109	0.672	2.38 A	2.10	23
24	0.341B	6.50 B	1.94	0.384	0.263	0.011	0.031	0.016	0.080	0.738	1.65	2.04	24
25	0.330B	2.77 B	8.56	0.313	0.198	0.008	0.044	0.012	0.058	0.805	1.22	1.13	25
26	0.282B	1.45 B	10.0	0.321	0.188	0.008	0.036	0.027	0.054	0.847	0.988A	0.850B	26
27	0.262B	0.828B	5.22	0.308	0.184	0.007	0.024	0.022	0.047	0.488	0.882E	2.81	27
28	0.262B	0.518B	2.89	0.307	0.152	0.010	0.025	0.018	0.031	0.393	0.858E	14.3	28
29	0.302B	0.542B	2.84	0.304	0.120	0.008	0.037	0.018	0.027	0.460	0.718E	3.98	29
30	0.488E		2.40	0.288	0.109	0.007	0.041	0.018	0.028	0.388	0.611E	1.70 B	30
31	3.57 E		1.73		0.085		0.030	0.018		0.324		1.10 B	31
TOTAL	15.814	56.118	84.004	30.028	7.823	0.934	1.095	1.843	0.930	12.483	72.250	38.728	TOTAL
MEAN	0.504	1.94	2.06	1.00	0.252	0.031	0.035	0.059	0.031	0.403	2.41	1.25	MEAN
MAX	3.57	13.1	10.0	5.79	0.806	0.081	0.296	0.331	0.109	1.87	13.0	14.3	MAX
MIN	0.103	0.381	0.536	0.288	0.085	0.002	0	0.012	0.004	0.022	0.205	0.170	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 0.826
MAXIMUM DAILY, 14.3 ON DEC 28
MINIMUM DAILY, 0 ON JUL 5
MAXIMUM INSTANTANEOUS,
22.3 AT 05:30 EST ON DEC 28

SUMMARY FOR THE YEAR 1988

TYPE OF GAUGE - RECORDING
LOCATION - LAT 42 50 05 N
LONG 81 08 05 W
DRAINAGE AREA, 135 km²
A - MANUAL GAUGE
B - ICE CONDITIONS
E - ESTIMATED
NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	1 350	JUL	84.6
FEB	4 850	AUG	159
MAR	5 530	SEP	80.4
APR	2 590	OCT	1 080
MAY	578	NOV	6 240
JUN	80.7	DEC	3 350

TOTAL DISCHARGE, 26 100 dam³

KETTLE CREEK AT ST. THOMAS - STATION NO. 02GC002

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1988

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	1.19 B	16.2	1.238	2.50	0.580	0.262	0.088	0.180	0.098	0.063	0.590	1.33	1
2	1.03 B	7.24	1.728	2.04	0.517	0.275	0.092	0.125	0.101	0.149	0.553	1.27	2
3	0.8608	3.39 B	5.178	2.84	0.486	0.228	0.092	0.143	0.122	0.118	0.508	1.28	3
4	0.748	1.91 B	3.278	11.9	0.409	0.212	0.088	0.236	0.302	0.114	0.510	1.21	4
5	0.6688	1.49 B	1.798	6.98	0.385	0.196	0.084	0.374	0.144	0.101	0.842	1.09	5
6	0.6428	1.07 B	2.408	4.24	0.427	0.180	0.060	0.353	0.148	0.088	4.21	0.984	6
7	0.6208	0.9458	4.178	4.87	0.389	0.164	0.033	0.251	0.134	0.080	5.46	0.836	7
8	0.8058	0.8058	5.738	3.81	0.353	0.148	0.031	0.213	0.123	0.088	5.49	0.861	8
9	0.5968	0.8568	8.40	2.59	0.427	0.111	0.030	0.191	0.114	0.078	4.89	0.758	9
10	0.5918	0.8598	5.71	1.90	0.487	0.080	0.030	0.178	0.110	0.167	5.39	0.6588	10
11	0.5868	0.8598	3.73	1.48	0.471	0.285	0.087	0.203	0.109	0.093	8.03	0.8588	11
12	0.587	0.8408	3.43	1.16	0.405	0.221	0.101	0.158	0.118	0.508	3.42	0.5148	12
13	0.822	0.8318	4.70	0.996	0.364	0.132	0.075	0.132	0.102	0.853	11.6 E	0.4078	13
14	0.525	0.8238	3.46	0.891	0.235	0.112	0.072	0.133	0.100	0.807	15.6 E	0.4388	14
15	0.483	1.01 B	2.27	0.808	0.304	0.114	0.078	0.424	0.100	0.886	8.38	0.4458	15
16	0.478	1.71 B	1.81	0.671	0.880	0.110	0.104	0.188	0.102	0.811	3.86	0.4078	16
17	0.703	2.67 B	1.40	0.598	0.832	0.105	0.863	0.170	0.110	0.515	3.12	0.3898	17
18	3.01 B	2.32 B	1.48	0.736	0.583	0.107	0.582	0.148	0.141	4.74	2.48	0.3898	18
19	2.37 B	3.00 B	1.80	0.707	0.538	0.078	0.311	0.142	0.183	4.30	1.85	0.4078	19
20	2.22	8.67 B	1.74	0.864	0.833	0.080	0.205	0.132	0.389	1.95	4.43	0.549	20
21	3.22	9.16 B	1.38	0.691	1.88	0.048	0.184	0.120	0.414	1.28	33.6	1.18	21
22	1.21 B	5.36 B	1.10	0.854	1.71	0.235	0.164	0.088	0.429	2.04	17.7	1.23	22
23	0.7878	28.6 B	1.38	0.744	1.18	0.184	0.163	0.108	0.885	2.06	6.92	3.05	23
24	0.7448	15.3	4.25	0.788	0.836	0.073	0.185	0.087	0.418	1.89	4.45	4.71	24
25	0.717	8.06	11.1	0.880	0.859	0.055	0.138	0.108	0.173	1.87	3.05	2.81	25
26	0.821	3.17 B	22.6	0.824	0.511	0.050	0.147	0.080	0.120	1.83	2.19	1.82	26
27	0.572	1.38 B	11.1	0.593	0.438	0.080	0.140	0.087	0.087	1.17	2.22	3.80	27
28	0.578	1.15 B	5.58	0.825	0.388	0.080	0.128	0.111	0.093	0.986	1.80	28.6	28
29	0.857	1.19 B	4.65	0.820	0.357	0.084	0.128	0.107	0.080	0.834	1.58	9.51	29
30	1.08		4.33	0.598	0.297	0.092	0.133	0.087	0.084	0.800	1.33	4.51	30
31	7.81		3.24		0.245		0.122	0.094		0.874		2.78	31
TOTAL	37.130	130.010	136.36	58.978	17.894	4.132	4.868	5.157	5.819	31.341	163.234	78.201	TOTAL
MEAN	1.20	4.48	4.40	1.97	0.571	0.138	0.151	0.166	0.187	1.01	5.44	2.52	MEAN
MAX	7.81	28.6	22.6	11.9	1.71	0.275	0.863	0.424	0.885	4.74	33.6	28.6	MAX
MIN	0.478	0.823	1.10	0.593	0.235	0.048	0.030	0.087	0.084	0.083	0.508	0.389	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 1.84
MAXIMUM DAILY, 33.6 ON NOV 21
MINIMUM DAILY, 0.030 ON JUL 8

SUMMARY FOR THE YEAR 1988

TYPE OF GAUGE - RECORDING
LOCATION - LAT 42 46 40 N
LONG 81 12 52 W
DRAINAGE AREA, 329 km²

B - ICE CONDITIONS
E - ESTIMATED
NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	3 210	JUL	403
FEB	11 200	AUG	446
MAR	11 800	SEP	485
APR	5 100	OCT	2 710
MAY	1 530	NOV	14 100
JUN	357	DEC	6 760

TOTAL DISCHARGE, 68 100 dam³

KWATABOAHEGAN RIVER NEAR THE MOUTH - STATION NO. 04KA001

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1988

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	7.008	2.798	1.738	1.678	388	85.2	31.3	8.22	5.66	65.1	23.58	41.0 B	1
2	6.808	2.738	1.708	1.748	456	80.7	27.5	7.88	5.65	60.9	23.28	38.5 B	2
3	6.508	2.708	1.888	1.808	487	68.5	24.5	7.81	5.92	48.1	22.88	36.5 B	3
4	6.308	2.678	1.838	1.878	468	61.3	21.5	8.34	6.04	43.6	22.38	34.0 B	4
5	6.008	2.618	1.808	2.078	412	48.1	19.1	8.01	6.23	38.2	22.08	32.0 B	5
6	5.808	2.558	1.588	2.218	381	40.9	18.4	6.81	5.57	35.4	28.7	30.0 B	6
7	5.608	2.528	1.588	2.608	322	36.7	18.6	22.0	5.30	32.8	38.8	28.0 B	7
8	5.408	2.508	1.538	3.258	284	32.2	18.8	33.0	5.22	30.7	46.8	26.0 B	8
9	5.258	2.408	1.488	3.908	277	29.1	19.8	32.6	5.25	28.4	48.2	24.5 B	9
10	5.108	2.378	1.458	4.208	270	28.7	20.4	32.1	5.15	26.3	48.7	23.0 B	10
11	4.958	2.338	1.428	4.608	261	27.8	22.3	27.0	5.19	26.6	47.1	21.6 B	11
12	4.758	2.308	1.408	5.008	242	26.1	25.1	23.0	5.28	27.4	50.4	20.3 B	12
13	4.608	2.278	1.388	6.808	224	28.3	25.6	20.8	7.25	27.2	53.0	19.4 B	13
14	4.458	2.228	1.388	18.0 B	208	29.0	27.4	19.0	11.6	29.7	48.9	18.5 B	14
15	4.408	2.208	1.348	27.0 B	193	28.5	28.2	18.7	15.1	33.3	47.2	17.8 B	15
16	4.258	2.188	1.318	30.0 B	181	28.1	30.7	15.5	18.6	35.7	47.5	17.0 B	16
17	4.108	2.158	1.288	34.0 B	170	28.4	31.5	14.0	18.4	36.8	62.3	16.2 B	17
18	3.958	2.128	1.258	36.0 B	160	28.2	29.0	13.6	18.1	35.5	77.5	15.3 B	18
19	3.858	2.108	1.228	45.0 B	150	28.2	25.7	13.4	17.1	33.5	85.7	14.5 B	19
20	3.758	2.088	1.218	53.0 B	138	28.2	21.9	11.8	17.9	31.4	84.2	13.8 B	20
21	3.658	2.078	1.208	62.0 B	128	28.1	20.8	10.5	22.1	29.1	81.9	13.2 B	21
22	3.558	2.028	1.198	68.0 B	112	27.4	23.0	9.74	46.4	28.7	88.0	12.5 B	22
23	3.458	2.008	1.178	73.0 B	105	31.1	21.4	8.53	57.4	27.4	76.8	11.8 B	23
24	3.358	1.988	1.168	80.0 B	89.5	31.7	18.2	7.90	82.5	26.4	74.8	11.3 B	24
25	3.308	1.948	1.308	86.0 B	97.0	32.0	15.8	7.22	83.2	26.2	72.4	10.9 B	25
26	3.208	1.888	1.358	93.0 B	90.6	30.8	14.0	6.89	84.9	25.5	69.7	10.3 B	26
27	3.108	1.848	1.458	114 B	84.5	32.0	12.4	6.14	85.4	25.4	80.3	9.908	27
28	3.058	1.808	1.508	155 B	80.3	37.6	11.5	5.88	81.7	25.7	82.3	9.508	28
29	3.008	1.788	1.558	200 B	78.4	39.2	10.2	5.71	57.3	27.8	42.2	9.108	29
30	2.928		1.608	299	73.6	38.0	9.56	5.68	58.8	23.6	43.58	8.808	30
31	2.838		1.628		70.4		8.31	5.54		19.9		8.508	31
TOTAL	136.20	66.11	44.20	1 516.81	6 868.3	1 084.1	649.27	423.00	768.42	993.4	1 816.4	603.90	TOTAL
MEAN	4.46	2.26	1.43	50.5	215	36.1	20.9	13.6	25.3	32.0	53.8	19.5	MEAN
MAX	7.00	2.79	1.73	299	487	85.2	31.5	33.0	85.4	85.1	94.2	41.0	MAX
MIN	2.83	1.78	1.16	1.67	70.4	27.4	8.31	5.54	5.15	19.9	22.0	8.50	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 39.7
MAXIMUM DAILY, 487 ON MAY 3
MINIMUM DAILY, 1.158 ON MAR 24
MAXIMUM INSTANTANEOUS,
507 AT 13:40 EST ON MAY 3

SUMMARY FOR THE YEAR 1988

TYPE OF GAUGE - RECORDING
LOCATION - LAT 51 08 00 N
LONG 80 52 00 W
DRAINAGE AREA, 4 250 km²

B - ICE CONDITIONS

NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	11 800	JUL	58 100
FEB	5 630	AUG	35 500
MAR	3 820	SEP	85 500
APR	131 000	OCT	85 800
MAY	578 000	NOV	140 000
JUN	81 100	DEC	52 200

TOTAL DISCHARGE, 1 280 000 dam³

LA VASE RIVER AT NORTH BAY - STATION NO. 02DD013

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1988

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	0.253	3.29	0.1368	5.72	1.16	0.111	0.082	0.046	0.482	0.414	0.822	1.26 B	1
2	0.239	3.03	0.1358	8.53	0.935	0.100	0.078	0.048	0.339	3.81	0.881	1.03 B	2
3	0.2308	2.12	0.1338	8.80	0.759	0.095	0.065	0.046	0.268	5.13	0.778	0.8208	3
4	0.2228	1.27	0.1308	11.0	0.648	0.089	0.061	0.051	0.293	3.16	0.746	0.6408	4
5	0.2188	0.748	0.1308	9.48	0.610	0.074	0.058	0.059	1.38	1.71	1.52	0.7008	5
6	0.2138	0.527	0.1388	7.50	0.628	0.074	0.077	0.092	1.53	1.17	1.79	0.8308	6
7	0.2108	0.402	0.1808	7.80	0.578	0.073	0.063	0.078	1.07	0.887	1.52	0.5408	7
8	0.2058	0.313	0.222	9.15	0.961	0.073	0.048	0.083	0.699	0.807	1.18	0.4608	8
9	0.2018	0.283	0.311	8.03	0.844	0.070	0.044	0.152	0.454	0.844	1.01	0.3908	9
10	0.2008	0.247	0.441	3.80	0.818	0.057	0.040	0.488	0.298	0.803	1.83	0.3308	10
11	0.1958	0.2308	0.411	2.52	0.750	0.043	0.044	0.572	0.221	1.42	5.22	0.2808	11
12	0.1908	0.2208	0.327	2.00	0.703	0.041	0.041	0.387	0.206	1.51	4.49	0.2708	12
13	0.1858	0.2128	0.297	1.79	1.67	0.040	0.035	0.240	0.410	1.15	3.45	0.2508	13
14	0.1858	0.2078	0.278	2.25	2.39	0.042	0.035	2.93	0.542	0.893	5.04	0.2408	14
15	0.1838	0.2028	0.255	3.25	1.74	0.042	0.033	8.04	0.478	0.785	4.16	0.2308	15
16	0.1808	0.1958	0.228	2.28	1.79	0.044	0.036	5.55	0.404	0.734	2.72	0.2308	16
17	0.1908	0.1858	0.214	1.75	1.28	0.044	0.034	2.69	0.555	0.638	2.18	0.2208	17
18	0.291	0.1788	0.204	1.53	0.863	0.051	0.033	2.32	0.445	2.00	2.00	0.2208	18
19	0.327	0.1718	0.1958	1.43	0.648	0.046	0.037	1.53	0.268	3.83	1.81	0.2108	19
20	0.330	0.1658	0.1858	1.33	0.567	0.044	0.032	0.880	0.398	2.51	1.24	0.2808	20
21	0.341	0.1608	0.1758	1.25	0.585	0.041	0.030	0.594	1.05	1.85	1.16	0.882	21
22	0.328	0.1578	0.1708	1.26	0.557	0.059	0.026	0.827	0.958	1.38	1.03	0.777	22
23	0.285	0.1538	0.209	1.06	0.443	0.086	0.024	0.455	0.583	1.09	0.938	0.436	23
24	0.257	0.1488	0.348	1.41	0.315	0.059	0.021	0.871	0.549	1.00	0.917	0.3408	24
25	0.235	0.1458	0.535	1.80	0.239	0.137	0.028	3.75	0.485	0.874	0.931	0.2808	25
26	0.211	0.1438	1.35	1.45	0.187	0.308	0.083	5.27	0.362	1.01	0.854	0.2608	26
27	0.218	0.1428	3.42	1.30	0.185	0.236	0.174	3.98	0.671	1.00	1.41	0.2508	27
28	0.197	0.1408	3.48	1.08	0.183	0.140	0.128	2.35	0.837	1.09	2.78	0.2308	28
29	0.191	0.1408	3.60	1.36	0.177	0.084	0.082	1.62	0.590	1.44	2.10 B	0.2208	29
30	0.198		3.59	1.43	0.156	0.078	0.067	1.07	0.413	1.17	1.86	0.2108	30
31	0.493		4.51		0.127		0.080	0.880		0.945		0.2008	31
TOTAL	7.400	15.503	25.948	109.24	23.097	2.469	1.718	48.420	17.418	48.855	57.888	13.585	TOTAL
MEAN	0.239	0.535	0.837	3.84	0.745	0.082	0.055	1.56	0.581	1.51	1.92	0.438	MEAN
MAX	0.493	3.29	4.51	11.0	2.39	0.308	0.174	9.04	1.53	5.13	5.22	1.26	MAX
MIN	0.180	0.140	0.130	1.06	0.127	0.040	0.021	0.048	0.206	0.414	0.746	0.200	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 1.01
MAXIMUM DAILY, 11.0 ON APR 4
MINIMUM DAILY, 0.021 ON JUL 24
MAXIMUM INSTANTANEOUS,
11.4 AT 05:44 EST ON APR 4

SUMMARY FOR THE YEAR 1988

TYPE OF GAUGE - RECORDING
LOCATION - LAT 46 15 44 N
LONG 79 23 43 W
DRAINAGE AREA, 70.4 km²

B - ICE CONDITIONS

NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	638	JUL	148
FEB 1	340	AUG 4	180
MAR 2	240	SEP 1	500
APR 9	440	OCT 4	030
MAY 2	000	NOV 4	880
JUN	213	DEC 1	170

TOTAL DISCHARGE, 31 900 dam³

LAC LA CROIX AT CAMPBELL'S CAMP - STATION NO. 05PA011

DAILY WATER LEVEL IN METRES FOR 1988

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	380.543	380.508A	380.480	380.518	380.850	381.151	380.881	380.686	382.314	381.728	381.084	381.105	1
2	380.543	380.509A	380.478	380.519	380.856	381.158	380.870	380.730	382.370	381.695	381.084	381.114	2
3	380.541	380.507	380.476	380.521	380.883	381.144	380.883	380.725	382.418	381.697	381.078	381.123	3
4	380.539E	380.504A	380.476	380.527	380.888	381.139	380.854	380.717	382.483	381.633	381.084	381.128	4
5	380.538E	380.501A	380.477	380.528	380.871	381.133	380.958	380.734	382.478	381.801	381.080	381.131	5
6	380.538E	380.501	380.471	380.531	380.884	381.122	380.949	380.748	382.495	381.589	381.045	381.138	6
7	380.536E	380.501	380.473	380.537	380.887	381.116	380.936	380.782	382.507	381.536	381.045	381.137	7
8	380.534E	380.500A	380.482	380.545	380.881	381.122	380.923	380.777	382.489	381.512	381.037	381.145	8
9	380.533E	380.498	380.484	380.551	380.904	381.086	380.913	380.787	382.481	381.483	381.032	381.138	9
10	380.531E	380.495A	380.487	380.559	380.930	381.083	380.892	380.789	382.475	381.449	381.028	381.139	10
11	380.530E	380.495A	380.503	380.573	380.948	381.078	380.882	380.807	382.483	381.424	381.032	381.138	11
12	380.529E	380.494A	380.507	380.589	380.953	381.082	380.873	380.818	382.428	381.401	381.019	381.139	12
13	380.528E	380.493	380.511	380.603	380.978	381.084	380.858	380.838	382.389	381.378	381.019	381.141	13
14	380.526E	380.493	380.511	380.620	380.987	381.080	380.849	380.817	382.368	381.358	381.008	381.144	14
15	380.525E	380.493	380.511	380.638	381.007	381.053	380.904	380.984	382.340	381.333	381.017	381.147	15
16	380.524E	380.492	380.511	380.657	381.021	381.064	380.899	381.017	382.308	381.309	381.018	381.143	16
17	380.523E	380.491	380.509	380.670	381.036	381.050	380.887	381.148	382.288	381.287	381.026	381.139	17
18	380.521A	380.491	380.505	380.684	381.047	381.041	380.870	381.229	382.234	381.274	381.041	381.138	18
19	380.521	380.488	380.503	380.700	381.055	381.032	380.857	381.298	382.220	381.255	381.050	381.138	19
20	380.517	380.488	380.502	380.713	381.061	381.025	380.843	381.379	382.185	381.238	381.053	381.133	20
21	380.517	380.488	380.500	380.726	381.072	381.021	380.840	381.485	382.151	381.213	381.055	381.130	21
22	380.518	380.488	380.500	380.741	381.083	381.028	380.828	381.537	382.107	381.203	381.080	381.126	22
23	380.514	380.485	380.498	380.755	381.082	381.027	380.815	381.641	382.064	381.187	381.082	381.126	23
24	380.512	380.484	380.498	380.769	381.103	381.023	380.798	381.731	382.014	381.172	381.087	381.121	24
25	380.513	380.484	380.510	380.781	381.109	381.008	380.787	381.817	381.988	381.157	381.088	381.114	25
26	380.511	380.483	380.510	380.793	381.115	381.011	380.773	381.904	381.929	381.147	381.072	381.106	26
27	380.510	380.483	380.511	380.807	381.128	381.008	380.763	381.984	381.883	381.137	381.088	381.107	27
28	380.508	380.482	380.514	380.817	381.137	381.014	380.743	382.085	381.848	381.113	381.098	381.108	28
29	380.508	380.482	380.517	380.828	381.140	381.004	380.728	382.138	381.807	381.118	381.102	381.091A	29
30	380.508		380.518	380.840	381.147	380.993	380.712	382.188	381.788	381.111	381.102	381.088	30
31	380.512		380.518		381.149		380.702	382.253		381.102		381.089	31
MEAN	380.524	380.493	380.499	380.685	381.008	381.084	380.880	381.285	382.241	381.348	381.083	381.128	MEAN
MAX	380.543	380.509	380.518	380.840	381.149	381.158	380.981	382.253	382.507	381.728	381.102	381.147	MAX
MIN	380.508	380.482	380.471	380.518	380.850	380.993	380.702	380.686	381.788	381.102	381.008	381.088	MIN

WATER LEVELS IN METRES

MEAN, 381.010
MAXIMUM DAILY, 382.507 ON SEP 7
MINIMUM DAILY, 380.471 ON MAR 5
MAXIMUM INSTANTANEOUS,
382.512 AT 14:13 CST ON SEP 7

WATER LEVELS ARE REFERRED TO UNITED STATES AND CANADA BOUNDARY SURVEY DATUM

SUMMARY FOR THE YEAR 1988

TYPE OF GAUGE - RECORDING
LOCATION - LAT 48 21 20 N
LONG 92 12 50 W

A - MANUAL GAUGE

B - ESTIMATED

NATURAL FLOW

DRAINAGE AREA,
13 400 km²

LAC SEUL AT GOLDPINES - STATION NO. 05OB003

DAILY WATER LEVEL IN METRES FOR 1988

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	354.830	354.804	354.504	354.487	354.687	355.104	355.504	356.070	356.414	356.614	356.734	356.807	1
2	354.830	354.599	354.503	354.494	354.698	355.169	355.507	356.101	356.418	356.650	356.765	356.800	2
3	354.821	354.583	354.504	354.492	354.706	355.136	355.534	356.089	356.424	356.588	356.721	356.581	3
4	354.798	354.575	354.502	354.494	354.698	355.132	355.537	356.086	356.434	356.673	356.732	356.584	4
5	354.786	354.585	354.508	354.496	354.716	355.141	355.599	356.126	356.429	356.894	356.701	356.576	5
6	354.787	354.581	354.501	354.488	354.755	355.147	355.621	356.149	356.452	356.898	356.891	356.580	6
7	354.783	354.548	354.508	354.501	354.770	355.204	355.651	356.132	356.486	356.898	356.715	356.580	7
8	354.775	354.548	354.507	354.518	354.781	355.232	355.655	356.144	356.424	356.713	356.700	356.543	8
9	354.776	354.531	354.511	354.508	354.781	355.186	355.653	356.189	356.385	356.886	356.679	356.533	9
10	354.786	354.526	354.507	354.511	354.743	355.180	355.652	356.191	356.418	356.631	356.658	356.520	10
11	354.755	354.523	354.496	354.517	354.788	355.205	355.708	356.197	356.492	356.889	356.889	356.523	11
12	354.741	354.517	354.486	354.517	354.782	355.198	355.740	356.235	356.441	356.724	356.708	356.520	12
13	354.734	354.518	354.482	354.505	354.809	355.233	355.748	356.246	356.431	356.723	356.682	356.509	13
14	354.736	354.513	354.476	354.510	354.860	355.247	355.790	356.240	356.467	356.737	356.635	356.489	14
15	354.732	354.524	354.482	354.521	354.853	355.268	355.828	356.254	356.498	356.736	356.897	356.484	15
16	354.731	354.524	354.488	354.536	354.873	355.301	355.789	356.274	356.525	356.897	356.878	356.477	16
17	354.722	354.524	354.480	354.512	354.897	355.338	355.820	356.290	356.495	356.701	356.896	356.467	17
18	354.717	354.523	354.472	354.538	354.930	355.325	355.848	356.285	356.504	356.725	356.882	356.467	18
19	354.708	354.517	354.466	354.553	354.919	355.287	355.869	356.291	356.498	356.717	356.869	356.456	19
20	354.698	354.514	354.467	354.558	354.918	355.317	355.881	356.318	356.497	356.751	356.866	356.443	20
21	354.701	354.526	354.473	354.572	354.935	355.334	355.900	356.380	356.535	356.861	356.874	356.443	21
22	354.679	354.513	354.474	354.587	354.930	355.313	355.917	356.358	356.530	356.776	356.869	356.443	22
23	354.679	354.518	354.470	354.596	354.936	355.389	355.933	356.301	356.489	356.703	356.670	356.429	23
24	354.688	354.513	354.478	354.613	354.971	355.411	355.899	356.282	356.584	356.864	356.867	356.416	24
25	354.659	354.518	354.482	354.615	354.987	355.361	355.949	356.282	356.538	356.857	356.842	356.402	25
26	354.656	354.508	354.488	354.626	354.984	355.437	355.975	356.341	356.606	356.884	356.840	356.399	26
27	354.646	354.515	354.483	354.635	355.005	355.481	355.978	356.325	356.587	356.887	356.810	356.390	27
28	354.645	354.504	354.486	354.649	355.035	355.512	355.996	356.331	356.682	356.630	356.820	356.383	28
29	354.635	354.503	354.490	354.658	355.058	355.507	356.008	356.374	356.632	356.678	356.814	356.378	29
30	354.618		354.484	354.674	355.077	355.505	356.022	356.414	356.632	356.732	356.802	356.384	30
31	354.611		354.488		355.092		356.065	356.438		356.732		356.355	31
MEAN	354.724	354.533	354.488	354.580	354.888	355.286	355.793	356.249	356.496	356.693	356.670	356.480	MEAN
MAX	354.830	354.804	354.511	354.674	355.092	355.512	356.065	356.438	356.852	356.778	356.765	356.807	MAX
MIN	354.611	354.503	354.466	354.492	354.687	355.104	355.504	356.070	356.385	356.588	356.578	356.355	MIN

SUMMARY FOR THE YEAR 1988

WATER LEVELS IN METRES

MEAN, 355.673
MAXIMUM DAILY, 356.778 ON OCT 22
MINIMUM DAILY, 354.488 ON MAR 19
MAXIMUM INSTANTANEOUS,
356.809 AT 18:32 CST ON OCT 22

TYPE OF GAUGE - RECORDING
LOCATION - LAT 50 38 20 N
LONG 93 10 30 W

REGULATED SINCE 1929

WATER LEVELS ARE REFERRED TO LAC SEUL DATUM
APPLY .301 m ADJUSTMENT TO CONVERT TO GEODETIC SURVEY OF CANADA DATUM (LOCAL 1929 ADJ.)

LAC SEUL AT HUDSON - STATION NO. 05OB002

DAILY WATER LEVEL IN METRES FOR 1988

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	---	---	---	---	354.680E	355.128	355.680	356.081E	356.437	---	---	---	1
2	---	---	---	---	354.700E	355.122	355.684	356.094E	356.431	---	---	---	2
3	---	---	---	---	354.721	355.128	355.680	356.108E	356.435	---	---	---	3
4	---	---	---	---	354.741	355.130	355.682	356.121E	356.437	---	---	---	4
5	---	---	---	---	354.745	355.184	355.608	356.134E	356.478	---	---	---	5
6	---	---	---	---	354.747	355.188	355.642	356.147E	356.542	---	---	---	6
7	---	---	---	---	354.748	355.218	355.638	356.180E	356.534	---	---	---	7
8	---	---	---	---	354.790	355.224	355.642	356.173E	356.532	---	---	---	8
9	---	---	---	---	354.825	355.226	355.670	356.188E	356.548	---	---	---	9
10	---	---	---	---	354.825	355.224	355.750	356.198E	356.550	---	---	---	10
11	---	---	---	---	354.830	355.228	355.770	356.212E	356.548	---	---	---	11
12	---	---	---	---	354.844	355.230	355.772	356.225E	356.555	---	---	---	12
13	---	---	---	---	354.906	355.232	355.798	356.238E	356.555	---	---	---	13
14	---	---	---	---	354.912	355.234	355.832	356.251	356.559	---	---	---	14
15	---	---	---	---	354.918	355.310	355.847E	356.269	356.559	---	---	---	15
16	---	---	---	---	354.924	355.360	355.862E	356.281	356.582	---	---	---	16
17	---	---	---	---	354.930	355.362	355.877E	356.291	356.588	---	---	---	17
18	---	---	---	---	354.932	355.362	355.892E	356.299	356.574	---	---	---	18
19	---	---	---	---	354.936	355.376	355.906E	356.303	356.588	---	---	---	19
20	---	---	---	---	354.974	355.388	355.921E	356.307	356.595	---	---	---	20
21	---	---	---	354.578	355.010	355.390	355.938E	356.309	356.584	---	---	---	21
22	---	---	---	---	355.014	355.394	355.951	356.313	356.588	---	---	---	22
23	---	---	---	---	355.020	355.394	355.964E	356.333	356.578	---	---	---	23
24	---	---	354.483	---	355.024	355.398	355.977E	356.387	356.594	---	---	---	24
25	---	---	---	---	355.028	355.402	355.990E	356.383	356.618	---	---	---	25
26	---	---	---	---	355.038	355.484	356.003E	356.385	356.650	---	---	---	26
27	---	---	---	---	355.040	355.488	356.018E	356.389	356.718	---	---	---	27
28	---	---	---	---	355.048	355.498	356.029E	356.401	356.724	---	---	---	28
29	---	---	---	---	355.102	355.544	356.042E	356.407	356.732	---	---	---	29
30	---		---	---	355.110	355.552	356.055E	356.415	356.732	---	---	---	30
31	---		---		355.124		356.068E	356.425		---		---	31
MEAN	---	---	---	---	354.909	355.311	355.829	356.285	356.568	---	---	---	MEAN
MAX	---	---	---	---	355.124	355.552	356.068	356.425	356.732	---	---	---	MAX
MIN	---	---	---	---	354.680	355.122	355.550	356.081	356.431	---	---	---	MIN

SUMMARY FOR THE YEAR 1988

TYPE OF GAUGE - MANUAL
LOCATION - LAT 50 05 30 N
LONG 92 10 00 W

E - ESTIMATED

REGULATED SINCE 1929

WATER LEVELS ARE REFERRED TO LAC SEUL DATUM
APPLY .301 m ADJUSTMENT TO CONVERT TO GEODETIC SURVEY OF CANADA DATUM (LOCAL 1929 ADJ.)

LAC SEUL AT LAC SEUL - STATION NO. 05OB001

DAILY WATER LEVEL IN METRES FOR 1988

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	354.793	354.574	354.489	354.448	354.641	355.073	355.484	356.021	356.397A	356.638	356.694	356.671	1
2	354.785	354.564A	354.472	354.455	354.658	355.071	355.487	356.032	356.417	356.634	356.683	356.672	2
3	354.783	354.558	354.466	354.456	354.673	355.087	355.504	356.048	356.429	356.664	356.697	356.663	3
4	354.774	354.547	354.467	354.458	354.690	355.118	355.516	356.056	356.436	356.648	356.690	356.650	4
5	354.765A	354.537	354.467	354.462	354.699	355.125	355.543	356.082	356.440	356.658	356.689	356.548	5
6	354.765A	354.528	354.477	354.463	354.704	355.141	355.584	356.078	356.440	356.669	356.688	356.541	6
7	354.762	354.525	354.471	354.467	354.718	355.139	355.620	356.108	356.428	356.680	356.670	356.536A	7
8	354.746	354.514	354.482	354.484	354.742	355.146	355.644	356.143	356.434E	356.683	356.670	356.521	8
9	354.733	354.508	354.477	354.472	354.747	355.168	355.686	356.156A	356.441E	356.695	356.671	356.512	9
10	354.733	354.497	354.477	354.474	354.764	355.180	355.673	356.162A	356.447E	356.705	356.687	356.498	10
11	354.723	354.490A	354.471	354.478	354.768	355.188	355.678	356.193	356.453E	356.690	356.651	356.487	11
12	354.716	354.481	354.488	354.484	354.794	355.203	355.684	356.186	356.460E	356.684	356.647	356.493	12
13	354.704A	354.478	354.464	354.492	354.806	355.211	355.722	356.207	356.466E	356.694	356.655	356.493	13
14	354.695	354.491	354.464	354.491	354.816	355.237	355.737	356.228	356.472E	356.703	356.650	356.478	14
15	354.695	354.478	354.462	354.497	354.836	355.285	355.761	356.241	356.478E	356.707	356.634	356.457	15
16	354.699	354.488	354.459	354.500	354.840	355.288	355.792	356.240	356.485E	356.716	356.681	356.484	16
17	354.698	354.482	354.457	354.509	354.856	355.295	356.804	356.244	356.491E	356.712	356.678	356.443	17
18	354.685	354.486	354.455	354.512	354.865	355.312	355.820	356.252A	356.497E	356.705	356.648	356.439	18
19	354.685	354.488	354.448	354.520	354.889	355.339	355.838	356.259	356.504E	356.704	356.650	356.430	19
20	354.678	354.477	354.440	354.530	354.902	355.334	355.854	356.267A	356.510A	356.692	356.640	356.424A	20
21	354.660	354.478	354.433	354.541	354.910	355.341	355.869	356.254	356.503	356.715	356.632	356.414	21
22	354.680	354.493	354.440	354.549	354.931	355.355	355.874A	356.267	356.519	356.682	356.626	356.412	22
23	354.664	354.484	354.444	354.561	354.947	355.341	355.887	356.291	356.532	356.711	356.621	356.413	23
24	354.641	354.482	354.437	354.571	354.945	355.353	355.906	356.311	356.529	356.717	356.618	356.387	24
25	354.631	354.476	354.484	354.585	354.957	355.443	355.909A	356.320A	356.541	356.713	356.622	356.386	25
26	354.621A	354.478	354.457	354.593	354.978	355.426	355.922A	356.315	356.545	356.704	356.610	356.388	26
27	354.614	354.471	354.449	354.604	354.984	355.439	355.936A	356.351A	356.570	356.708	356.610	356.377	27
28	354.601	354.481	354.448	354.612	354.996	355.444	355.947A	356.359A	356.573	356.723	356.586	356.380	28
29	354.603	354.469	354.453	354.623	355.031	355.456	355.981	356.381	356.593	356.707	356.583	356.348	29
30	354.592		354.452	354.631	355.044	355.469	356.006	356.363A	356.614	356.694	356.579	356.341	30
31	354.585		354.449		355.060		356.012	356.374		356.698		356.330A	31
MEAN	354.692	354.500	354.459	354.517	354.848	355.287	355.784	356.218	356.488	356.692	356.648	356.457	MEAN
MAX	354.793	354.574	354.482	354.631	355.060	355.488	356.012	356.374	356.614	356.723	356.697	356.572	MAX
MIN	354.585	354.488	354.433	354.448	354.641	355.071	355.484	356.021	356.397	356.634	356.578	356.330	MIN

WATER LEVELS IN METRES

SUMMARY FOR THE YEAR 1988

MEAN, 355.649
MAXIMUM DAILY, 356.723 ON OCT 28
MINIMUM DAILY, 354.433 ON MAR 21
MAXIMUM INSTANTANEOUS,
356.762 AT 23:23 CST ON OCT 27

TYPE OF GAUGE - RECORDING
LOCATION - LAT 50 19 07 N
LONG 92 15 30 W

A - MANUAL GAUGE
E - ESTIMATED
REGULATED SINCE 1929

WATER LEVELS ARE REFERRED TO LAC SEUL DATUM
APPLY .201 m ADJUSTMENT TO CONVERT TO GEODETIC SURVEY OF CANADA DATUM (LOCAL 1929 ADJ.)

LADY EVELYN RIVER AT LADY EVELYN LAKE - STATION NO. 02JD011

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1988

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	24.3	28.9	21.4	0	0	36.4	11.8	8.80	12.2	12.2	21.1	44.8	1
2	24.2	28.8	21.2	0	0	37.4	11.8	8.20	12.2	12.8	21.6	43.9	2
3	24.1	28.4	20.8	0	0	36.8	12.2	8.80	12.2	12.8	21.8	43.3	3
4	24.0	28.2	20.4	0	0	35.9	11.8	9.10	12.2	12.8	21.8	42.3	4
5	28.2	28.0	20.2	0	0	35.9	12.2	10.1	12.2	12.2	21.8	41.2	5
6	33.8	27.7	19.9	0	0	35.7	11.8	11.1	12.2	12.8	35.9	40.2	6
7	33.4	27.5	18.4	0	0	35.2	11.8	11.1	11.8	12.8	58.7	38.7	7
8	33.3	27.2	7.80	0	0	33.7	11.8	21.1	11.8	13.2	57.6	39.2	8
9	33.1	27.0	0	0	0	33.2	11.6	33.9	11.6	13.2	57.0	37.7	9
10	32.9	26.8	0	0	0	32.3	11.6	33.4	12.2	13.6	56.3	37.1	10
11	32.7	26.6	0	0	0	32.3	11.8	24.5	11.1	13.8	56.4	36.6	11
12	32.5	26.3	0	0	23.8	31.8	11.1	8.80	10.8	13.8	55.3	36.1	12
13	32.3	26.1	0	0	64.2	29.9	11.1	9.20	11.1	13.4	54.7	35.4	13
14	32.2	25.9	0	0	64.2	29.4	11.8	9.50	11.1	14.3	53.8	35.4	14
15	32.0	25.7	0	0	65.4	29.9	10.8	10.4	10.8	13.8	53.0	34.5	15
16	31.8	25.4	0	0	64.2	29.4	10.8	10.1	10.8	14.0	51.8	33.5	16
17	31.7	25.2	0	0	63.6	28.6	10.8	10.1	10.8	14.3	51.8	32.5	17
18	31.5	24.9	0	0	50.0	28.0	10.8	10.1	11.1	14.0	51.8	32.0	18
19	31.3	24.6	0	0	32.3	27.0	10.1	10.8	11.1	15.5	51.4	31.5	19
20	31.1	24.3	0	0	33.7	20.7	10.1	10.8	11.8	15.8	50.8	29.6	20
21	31.0	24.1	0	0	34.7	11.1	10.1	10.1	12.2	15.8	50.3	29.6	21
22	30.8	23.8	0	0	35.7	11.8	10.1	10.2	11.8	16.8	49.7	29.2	22
23	30.6	23.4	0	0	35.8	11.1	9.80	10.1	11.8	17.0	48.7	28.2	23
24	30.4	23.2	0	0	35.8	11.1	9.80	10.1	11.8	17.0	48.1	28.2	24
25	30.3	23.0	0	0	36.8	11.8	9.50	10.8	11.8	18.2	47.0	27.3	25
26	30.0	22.8	0	0	37.9	12.2	9.80	12.2	11.8	18.8	46.5	27.3	26
27	29.8	22.3	0	0	38.4	12.2	9.80	12.2	11.8	19.0	46.0	26.8	27
28	29.6	22.0	0	0	38.9	12.2	9.50	12.2	11.8	19.4	46.0	26.8	28
29	29.5	21.8	0	0	38.9	11.8	9.50	12.2	11.8	20.2	46.0	26.6	29
30	29.2		0	0	38.9	11.8	9.80	12.2	11.8	20.6	44.9	24.8	30
31	29.0		0		38.9		8.80	12.2		21.6		24.8	31
TOTAL	940.8	739.2	149.90	0	872.4	758.0	333.90	384.40	348.2	475.4	1 378.8	1 042.9	TOTAL
MEAN	30.3	25.5	4.84	0	28.1	25.3	10.8	12.7	11.8	15.3	45.9	33.8	MEAN
MAX	33.8	28.9	21.4	0	65.4	38.4	12.2	33.9	12.2	21.8	58.7	44.8	MAX
MIN	24.0	21.8	0	0	0	11.1	8.80	8.20	10.8	12.2	21.1	24.8	MIN

DISCHARGES IN CUBIC METRES PER SECOND

SUMMARY FOR THE YEAR 1988

MEAN, 20.3
MAXIMUM DAILY, 65.4 ON MAY 15
MINIMUM DAILY, 0 ON MAR 9

TYPE OF GAUGE - MANUAL
LOCATION - LAT 47 27 36 N
LONG 79 59 43 W
DRAINAGE AREA, 1 370 km²

REGULATED

MONTHLY TOTAL DISCHARGE
IN CUBIC DECAMETRES

JAN	81 300	JUL	28 800
FEB	63 900	AUG	34 100
MAR	13 000	SEP	30 100
APR	0	OCT	41 100
MAY	75 400	NOV	119 000
JUN	65 500	DEC	90 100

TOTAL DISCHARGE, 842 000 dam³

DATA CONTRIBUTED BY -
ONTARIO HYDRO

LAKE 114 INFLOW NEAR KENORA - STATION NO. 05PD032

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1988

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	0E	---	---	0	0	0	0	0	0	0	0	---	1
2	---	---	---	0	0	0	0	0	0	0	0	---	2
3	---	---	---	0	0	0	0	0	0	0	0	---	3
4	---	---	---	0	0	0	0	0	0	0	0	---	4
5	---	---	---	0.003	0	0	0	0	0	0	0	0A	5
6	---	---	---	0.005	0	0	0.002	0	0	0	0	---	6
7	---	---	---	0.005	0	0	0.018	0	0	0	0	---	7
8	---	---	---	0.010	0	0	0.002	0	0	0	---	---	8
9	---	---	---	0.005	0	0	0	0	0	0	---	---	9
10	---	---	---	0.002	0	0	0	0	0	0	---	---	10
11	---	---	---	0.003	0	0	0	0	0	0	---	---	11
12	---	---	---	0.004	0	0	0	0	0	0	---	---	12
13	---	---	---	0.002	0	0	0	0	0	0	---	---	13
14	---	---	---	0.001	0	0	0	0	0	0	---	---	14
15	---	---	---	0.001	0	0.001	0	0	0	0	---	---	15
16	---	---	---	0.001	0	0	0	0	0	0	---	---	16
17	---	---	---	0.001	0	0	0	0	0	0	---	---	17
18	---	0A	---	0	0	0	0	0	0	0	---	---	18
19	0A	---	---	0	0	0	0	0	0	0	---	---	19
20	---	---	---	0	0	0	0	0	0	0	---	---	20
21	---	---	---	0	0	0	0	0	0	0	---	---	21
22	---	---	---	0	0	0	0	0	0	0	---	---	22
23	---	---	---	0	0	0	0	0	0	0	---	---	23
24	---	---	0A	0	0	0	0	0	0	0	---	---	24
25	---	---	---	0	0	0	0	0	0	0	---	---	25
26	---	---	---	0	0	0	0	0	0	0	---	---	26
27	---	---	---	0	0	0	0	0	0	0	---	---	27
28	---	---	---	0	0	0	0	0	0	0	---	---	28
29	---	---	---	0	0	0	0	0	0	0	---	---	29
30	---		---	0	0	0	0	0	0	0	---	---	30
31	---		---		0		0	0		0		0E	31
TOTAL	---	---	---	0.043	0	0.001	0.022	0	0	0	---	---	TOTAL
MEAN	---	---	---	0.001	0	0	0.001	0	0	0	---	---	MEAN
MAX	---	---	---	0.010	0	0.001	0.018	0	0	0	---	---	MAX
MIN	---	---	---	0	0	0	0	0	0	0	---	---	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 0
MAXIMUM DAILY, 0.018 ON JUL 7
MINIMUM DAILY, 0 ON APR 1
MAXIMUM INSTANTANEOUS,
0.055 ON JUL 7

DATA CONTRIBUTED BY -
OCEAN SCIENCE AND SURVEYS (DFO) (CANADA)

SUMMARY FOR THE MONTHS APR TO OCT

TYPE OF GAUGE - RECORDING
LOCATION - LAT 49 40 30 N
LONG 93 45 05 W
DRAINAGE AREA, 0.08 km²
A - MANUAL GAUGE

E - ESTIMATED
NATURAL FLOW

MONTHLY TOTAL DISCHARGE
IN CUBIC DECAMETRES

JAN	---	JUL	1.90
FEB	---	AUG	0
MAR	---	SEP	0
APR	3.72	OCT	0
MAY	0	NOV	---
JUN	0.08	DEC	---

TOTAL DISCHARGE, 5.71 dam³

LAKE 114 NEAR KENORA - STATION NO. 05PD027

DAILY WATER LEVEL IN METRES FOR 1988

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	---	---	---	---	28.587	28.486	28.440	28.482	28.414	28.411	28.423	---	1
2	---	---	---	---	28.583	28.484	28.434	28.488	28.413	28.408	---	---	2
3	---	---	---	---	28.587	28.481	28.431	28.482	28.413	28.407	---	---	3
4	---	---	---	---	28.581	28.487	28.428	28.478	28.408	28.404	---	---	4
5	---	---	---	28.534A	28.575	28.484	28.432	28.475	28.408	28.402	---	---	5
6	---	---	---	28.542	28.588	28.478	28.488	28.471	28.403	28.401	---	---	6
7	---	---	---	28.580	28.587	28.471	28.598	28.488	28.401	28.400	---	---	7
8	---	---	---	28.589	28.582	28.482	28.628	28.484	28.395	28.398	---	---	8
9	---	---	---	28.632	28.586	28.484	28.611	28.459	28.387	28.398	---	---	9
10	---	---	---	28.650	28.580	28.448	28.582	28.453	28.388	28.398	---	---	10
11	---	---	---	28.658	28.568	28.438	28.576	28.449	28.390	28.393	---	---	11
12	---	---	---	28.675	28.544	28.436	28.588	28.444	28.388	28.390	---	---	12
13	---	---	---	28.688	28.540	28.433	28.584	28.441	28.385	28.388	---	---	13
14	---	---	---	28.688	28.524	28.448	28.558	28.442	28.383	28.387	---	---	14
15	---	---	---	28.678	28.530	28.483	28.553	28.438	28.382	28.388	---	---	15
16	---	---	---	28.671	28.525	28.486	28.545	28.434	28.388	28.388	---	---	16
17	---	---	---	28.667	28.521	28.483	28.539	28.431	28.401	28.388	---	---	17
18	---	---	---	28.667	28.516	28.484	28.535	28.425	28.400	28.389	---	---	18
19	---	---	---	28.659	28.516	28.481	28.533	28.419	28.421	28.389	---	---	19
20	---	---	---	28.650	28.519	28.474	28.528	28.418	28.428	28.389	---	---	20
21	---	---	---	28.648	28.517	28.471	28.521	28.410	28.426	28.391	---	---	21
22	---	---	---	28.638	28.518	28.473	28.517	28.408	28.425	28.392	---	---	22
23	---	---	---	28.628	28.511	28.485	28.514	28.411	28.423	28.398	---	---	23
24	---	---	---	28.630	28.508	28.484	28.514	28.418	28.422	28.401	---	---	24
25	---	---	---	28.618	28.501	28.480	28.510	28.417	28.420	28.400	---	---	25
26	---	---	---	28.617	28.497	28.488	28.504	28.418	28.418	28.400	---	---	26
27	---	---	---	28.613	28.494	28.488	28.501	28.418	28.418	28.409	---	---	27
28	---	---	---	28.608	28.497	28.486	28.497	28.418	28.413	28.423	---	---	28
29	---	---	---	28.606	28.503	28.448	28.501	28.417	28.412	28.421	---	---	29
30	---		---	28.602	28.501	28.444	28.498	28.418	28.412	28.422	---	---	30
31	---		---		28.500		28.495	28.415		28.421		---	31
MEAN	---	---	---	---	28.584	28.487	28.520	28.440	28.407	28.400	---	---	MEAN
MAX	---	---	---	---	28.587	28.488	28.528	28.483	28.426	28.423	---	---	MAX
MIN	---	---	---	---	28.494	28.433	28.428	28.408	28.388	28.387	---	---	MIN

WATER LEVELS IN METRES

MAXIMUM DAILY, 28.688 ON APR 13

WATER LEVELS ARE REFERRED TO ASSUMED DATUM

SUMMARY FOR THE YEAR 1988

TYPE OF GAUGE - RECORDING
LOCATION - LAT 49 40 10 N
LONG 93 45 30 W
DATA CONTRIBUTED BY -
OCEAN SCIENCE AND SURVEYS (DFO) (CANADA)

A - MANUAL GAUGE

NATURAL FLOW

DRAINAGE AREA,
0.58 km²

LAKE 114 OUTLET NEAR KENORA - STATION NO. 05PD014

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1984

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	0E	---	0A	0 E	0.004	0	0	0	0	0	---	---	1
2	---	---	---	0 E	0.003	0	0	0	0	0	---	---	2
3	---	---	---	0 E	0.003	0	0	0	0	0	---	---	3
4	---	---	---	0 E	0.002	0	0	0	0	0	---	---	4
5	---	---	---	0 A	0.002	0	0	0	0	0	---	0A	5
6	---	---	---	0 E	0.002	0	0	0	0	0	---	---	6
7	---	---	---	0 E	0.002	0	0.010	0	0	0	---	0A	7
8	---	---	---	0 E	0.002	0	0.028	0	0	0	---	---	8
9	---	---	---	0 E	0	0	0.023	0	0	0	---	---	9
10	---	---	---	0 E	0	0	0.017	0	0	0	---	---	10
11	---	---	---	0 E	0	0	0.013	0	0	0	---	---	11
12	---	---	---	0 A	0	0	0.010	0	0	0	---	---	12
13	---	---	---	0.007	0	0	0.009	0	0	0	---	---	13
14	---	---	---	0.015	0	0	0.007	0	0	0	---	---	14
15	---	---	---	0.014	0	0	0.006	0	0	0	---	---	15
16	---	---	---	0.013	0	0	0.004	0	0	0	---	---	16
17	---	---	---	0.013	0	0	0.003	0	0	0	---	---	17
18	---	0A	---	0.012	0	0	0.002	0	0	0	---	---	18
19	0A	---	---	0.010	0	0	0.002	0	0	0	---	---	19
20	---	---	---	0.008	0	0	0.001	0	0	0	---	---	20
21	---	---	---	0.007	0	0	0.001	0	0	0	---	---	21
22	---	---	---	0.005	0	0	0	0	0	0	---	---	22
23	---	---	0A	0.004	0	0	0	0	0	0	---	---	23
24	---	---	---	0.004	0	0	0	0	0	0	---	---	24
25	---	---	---	0.005	0	0	0	0	0	0	---	---	25
26	---	---	---	0.008	0	0	0	0	0	0E	---	---	26
27	---	---	---	0.005	0	0	0	0	0	0E	---	0A	27
28	---	---	---	0.005	0	0	0	0	0	0E	---	---	28
29	---	---	---	0.004	0	0	0	0	0	0E	---	---	29
30	---		---	0.004	0	0	0	0	0	0E	---	---	30
31	---		---		0		0	0		0E		0E	31
TOTAL	---	---	---	0.144	0.020	0	0.138	0	0	0	---	---	TOTAL
MEAN	---	---	---	0.005	0.001	0	0.004	0	0	0	---	---	MEAN
MAX	---	---	---	0.015	0.004	0	0.028	0	0	0	---	---	MAX
MIN	---	---	---	0	0	0	0	0	0	0	---	---	MIN

SUMMARY FOR THE MONTHS APR TO OCT

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 0.001
MAXIMUM DAILY, 0.028 ON JUL 8
MINIMUM DAILY, 0E ON APR 1
MAXIMUM INSTANTANEOUS,
0.030 ON JUL 8

DATA CONTRIBUTED BY -
OCEAN SCIENCE AND SURVEYS (DFO) (CANADA)

TYPE OF GAUGE - RECORDING
LOCATION - LAT 49 40 10 N
LONG 93 45 45 W
DRAINAGE AREA, 0.58 km²
A - MANUAL GAUGE

E - ESTIMATED
NATURAL FLOW

MONTHLY TOTAL DISCHARGE
IN CUBIC DECAMETRES

JAN	---	JUL	11.5
FEB	---	AUG	0
MAR	---	SEP	0
APR	12.4	OCT	0
MAY	1.73	NOV	---
JUN	0	DEC	---

TOTAL DISCHARGE, 25.8 dam³

LAKE 223 NEAR KENORA - STATION NO. 05OD021

DAILY WATER LEVEL IN METRES FOR 1984

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	---	---	---	---	29.231	29.311	29.183	29.233	29.135	29.101	29.085A	---	1
2	---	---	---	---	29.231	29.311	29.179	29.214	29.132	29.098	---	---	2
3	---	---	---	---	29.230	29.308	29.175	29.210	29.129	29.097	---	---	3
4	---	---	---	---	29.229	29.305	29.172	29.207	29.125	29.093	---	---	4
5	---	---	---	---	29.227	29.303	29.185	29.204	29.121	29.089	---	---	5
6	---	---	---	---	29.223	29.199	29.217	29.201	29.118	29.085	---	---	6
7	---	---	---	29.221A	29.225	29.195	29.281	29.199	29.113	29.085	---	---	7
8	---	---	---	29.225	29.226	29.190	29.304	29.194	29.106	29.084	---	---	8
9	---	---	---	29.226	29.222	29.182	29.298	29.189	29.100	29.085	---	---	9
10	---	---	---	29.227	29.218	29.177	29.282	29.183	29.095	29.082	---	---	10
11	---	---	---	29.226	29.218	29.171	29.271	29.180	29.101	29.077	---	---	11
12	---	---	---	29.227	29.218	29.173	29.264	29.177	29.105	29.074	---	---	12
13	---	---	---	29.231	29.216	29.171	29.266	29.175	29.102	29.072	---	---	13
14	---	---	---	29.232	29.212	29.191	29.266	29.174	29.099	29.069	---	---	14
15	---	---	---	29.235	29.208	29.223	29.266	29.173	29.096	29.066	---	---	15
16	---	---	---	29.235	29.204	29.232	29.261	29.171	29.102	29.070	---	---	16
17	---	---	---	29.234	29.201	29.218	29.247	29.172	29.105	29.068	---	---	17
18	---	---	---	29.237	29.198	29.216	29.246	29.166	29.104	29.068	---	---	18
19	---	---	---	29.235	29.202	29.218	29.264	29.163	29.123	29.068	---	---	19
20	---	---	---	29.234	29.208	29.211	29.249	29.159	29.124	29.068	---	---	20
21	---	---	---	29.235	29.211	29.209	29.244	29.153	29.122	29.067	---	---	21
22	---	---	---	29.234	29.210	29.207	29.240	29.154	29.121	29.064	---	---	22
23	---	---	---	29.233	29.208	29.203	29.234	29.154	29.118	29.073	---	---	23
24	---	---	---	29.233	29.208	29.202	29.235	29.158	29.117	29.072	---	---	24
25	---	---	---	29.231	29.201	29.198	29.230	29.153	29.115	29.068	---	---	25
26	---	---	---	29.230	29.201	29.194	29.224	29.150	29.112	29.068	---	---	26
27	---	---	---	29.228	29.200	29.193	29.221	29.148	29.109	29.076	---	---	27
28	---	---	---	29.228	29.205	29.188	29.218	29.146	29.108	29.067	---	---	28
29	---	---	---	29.231	29.213	29.193	29.235	29.143	29.103	29.066	---	---	29
30	---		---	29.231	29.212	29.188	29.233	29.138	29.101	29.062	---	---	30
31	---		---		29.212		29.226	29.136		29.064		---	31
MEAN	---	---	---	---	29.214	29.188	29.236	29.173	29.112	29.078	---	---	MEAN
MAX	---	---	---	---	29.231	29.223	29.304	29.232	29.135	29.101	---	---	MAX
MIN	---	---	---	---	29.188	29.171	29.172	29.136	29.095	29.064	---	---	MIN

SUMMARY FOR THE YEAR 1984

WATER LEVELS IN METRES

MAXIMUM DAILY, 29.304 ON JUL 8

MAXIMUM INSTANTANEOUS,
29.308 AT 03:42 CST ON JUL 8

WATER LEVELS ARE REFERRED TO ASSUMED DATUM

TYPE OF GAUGE - RECORDING
LOCATION - LAT 49 41 55 N
LONG 93 42 40 W
DATA CONTRIBUTED BY -
OCEAN SCIENCE AND SURVEYS (DFO) (CANADA)

A - MANUAL GAUGE

NATURAL FLOW

DRAINAGE AREA,
2.60 km²

LAKE 223 OUTLET NEAR KENORA - STATION NO. 05QD017

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1988

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	0E	---	0 A	0.002	0.017	0.002	0 E	0.008	0	0	0A	---	1
2	---	---	---	0.002	0.018	0.002	0 E	0.007	0	0	---	---	2
3	---	---	---	0.003	0.018	0.002	0 E	0.006	0	0	---	---	3
4	---	---	---	0.003	0.015	0.001	0	0.004	0	0	---	---	4
5	---	---	---	0.004	0.014	0.001	0.001	0.003	0	0	---	0A	5
6	---	---	---	0.005	0.014	0.001	0.007	0.003	0	0	---	---	6
7	---	---	---	0.008	0.018	0	0.006	0.003	0	0	---	---	7
8	---	---	---	0.008	0.015	0.001	0.002	0.002	0	0	---	---	8
9	---	---	---	0.010	0.013	0	0.055	0.001	0	0	---	---	9
10	---	---	---	0.010	0.012	0	0.049	0.001	0	0	---	---	10
11	---	---	---	0.010	0.013	0	0.043	0.001	0	0	---	---	11
12	---	---	---	0.011	0.013	0	0.038	0	0	0	---	---	12
13	---	---	---	0.014	0.013	0	0.038	0	0	0	---	---	13
14	---	---	---	0.015	0.010	0.002	0.030	0	0	0	---	---	14
15	---	---	---	0.015	0.009	0.006	0.030	0	0	0	---	---	15
16	---	---	---	0.017	0.008	0.005	0.024	0	0	0	---	---	16
17	---	---	---	0.018	0.007	0.004	0.020	0	0	0	---	---	17
18	---	0A	---	0.018	0.006	0.004	0.020	0	0	0	---	---	18
19	0A	---	---	0.018	0.005	0.004	0.023	0	0	0	---	---	19
20	---	---	---	0.017	0.007	0.004	0.019	0	0	0	---	---	20
21	---	---	---	0.015	0.008	0.003	0.015	0	0	0	---	---	21
22	---	---	---	0.015	0.008	0.003	0.013	0	0	0	---	---	22
23	---	---	---	0.015	0.007	0.002	0.010	0	0	0	---	---	23
24	---	---	0 A	0.015	0.005	0.002	0.011	0	0	0	---	---	24
25	---	---	0	0.015	0.004	0.002	0.008	0	0	0	---	---	25
26	---	---	0	0.015	0.002	0.001	0.007	0	0	0	---	---	26
27	---	---	0	0.015	0.002	0.001	0.006	0	0	0	---	---	27
28	---	---	0	0.015	0.002	0.003	0.006	0	0	0	---	---	28
29	---	---	0	0.015	0.004	0.001	0.015	0	0	0	---	---	29
30	---		0.001	0.017	0.003	0.001	0.013	0	0	0	---	---	30
31	---		0.001		0.003		0.011	0		0		0E	31
TOTAL	---	---	---	0.370	0.286	0.057	0.528	0.038	0	0	---	---	TOTAL
MEAN	---	---	---	0.012	0.009	0.002	0.020	0.001	0	0	---	---	MEAN
MAX	---	---	---	0.018	0.017	0.006	0.062	0.008	0	0	---	---	MAX
MIN	---	---	---	0.002	0.002	0	0	0	0	0	---	---	MIN

SUMMARY FOR THE MONTHS APR TO OCT

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 0.008
MAXIMUM DAILY, 0.062 ON JUL 8
MINIMUM DAILY, 0 ON JUN 7
MAXIMUM INSTANTANEOUS,
0.067 ON JUL 7

DATA CONTRIBUTED BY -
OCEAN SCIENCE AND SURVEYS (DFO) (CANADA)

TYPE OF GAUGE - RECORDING
LOCATION - LAT 49 41 56 N
LONG 93 42 50 W
DRAINAGE AREA, 2.60 km²
A - MANUAL GAUGE

E - ESTIMATED
NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	---	JUL	54.3
FEB	---	AUG	3.38
MAR	---	SEP	0
APR	32.0	OCT	0
MAY	24.7	NOV	---
JUN	4.92	DEC	---

TOTAL DISCHARGE, 119 dam³

LAKE 224 OUTLET NEAR KENORA - STATION NO. 05QD018

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1988

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	0E	---	0A	0	0	0	0	0.001	0	0	0A	---	1
2	---	---	---	0	0	0	0	0.001	0	0	---	---	2
3	---	---	---	0	0	0	0	0.001	0	0	---	---	3
4	---	---	---	0	0	0	0	0.001	0	0	---	---	4
5	---	---	---	0	0	0	0	0.001	0	0	---	0A	5
6	---	---	---	0	0	0	0	0	0	0	---	---	6
7	---	---	---	0	0	0	0.004	0	0	0	---	---	7
8	---	---	---	0.001	0	0	0.002	0	0	0	---	---	8
9	---	---	---	0	0	0	0.002	0	0	0	---	---	9
10	---	---	---	0	0	0	0.002	0	0	0	---	---	10
11	---	---	---	0	0	0	0.002	0	0	0	---	---	11
12	---	---	---	0.001	0	0	0.002	0	0	0	---	---	12
13	---	---	---	0	0	0	0.003	0	0	0	---	---	13
14	---	---	---	0	0	0	0.002	0	0	0	---	---	14
15	---	---	---	0	0	0	0.002	0	0	0	---	---	15
16	---	---	---	0	0	0	0.001	0	0	0	---	---	16
17	---	---	---	0	0	0	0.001	0	0	0	---	---	17
18	---	0A	---	0	0	0	0.002	0	0	0	---	---	18
19	---	---	---	0	0	0	0.002	0	0	0	---	---	19
20	0A	---	---	0	0	0	0.002	0	0	0	---	---	20
21	---	---	---	0	0	0	0.002	0	0	0	---	---	21
22	---	---	---	0	0	0	0.002	0	0	0	---	---	22
23	---	---	---	0	0	0	0.002	0	0	0	---	---	23
24	---	---	0A	0	0	0	0.002	0	0	0	---	---	24
25	---	---	0	0	0	0	0.002	0	0	0	---	---	25
26	---	---	0	0	0	0	0.002	0	0	0	---	---	26
27	---	---	0	0	0	0	0.002	0	0	0	---	---	27
28	---	---	0	0	0	0	0.001	0	0	0	---	---	28
29	---	---	0	0	0	0	0.003	0	0	0	---	---	29
30	---		0	0	0	0	0.002	0	0	0	---	---	30
31	---		0		0		0.003	0		0		0E	31
TOTAL	---	---	---	0.003	0	0	0.060	0.005	0	0	---	---	TOTAL
MEAN	---	---	---	0	0	0	0.002	0	0	0	---	---	MEAN
MAX	---	---	---	0.001	0	0	0.004	0.001	0	0	---	---	MAX
MIN	---	---	---	0	0	0	0	0	0	0	---	---	MIN

SUMMARY FOR THE MONTHS APR TO OCT

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 0
MAXIMUM DAILY, 0.004 ON JUL 7
MINIMUM DAILY, 0 ON APR 1
MAXIMUM INSTANTANEOUS,
0.013 ON JUL 7

DATA CONTRIBUTED BY -
OCEAN SCIENCE AND SURVEYS (DFO) (CANADA)

TYPE OF GAUGE - RECORDING
LOCATION - LAT 49 41 33 N
LONG 93 42 40 W
DRAINAGE AREA, 0.97 km²
A - MANUAL GAUGE

E - ESTIMATED
NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	---	JUL	4.32
FEB	---	AUG	0.43
MAR	---	SEP	0
APR	0.17	OCT	0
MAY	0	NOV	---
JUN	0	DEC	---

TOTAL DISCHARGE, 4.92 dam³

LAKE 225 OUTLET NEAR KENORA - STATION NO. 05OD019

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1988

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	0E	---	0A	0	0	0	0	0	0	0	0A	---	1
2	---	---	---	0	0	0	0	0	0	0	---	---	2
3	---	---	---	0	0	0	0	0	0	0	---	---	3
4	---	---	---	0	0	0	0	0	0	0	---	---	4
5	---	---	---	0	0	0	0	0	0	0	---	0A	5
6	---	---	---	0	0	0	0	0	0	0	---	---	6
7	---	---	---	0	0	0	0	0	0	0	---	---	7
8	---	---	---	0	0	0	0.007	0	0	0	---	---	8
9	---	---	---	0	0	0	0.011	0	0	0	---	---	9
10	---	---	---	0	0	0	0.007	0	0	0	---	---	10
11	---	---	---	0	0	0	0.001	0	0	0	---	---	11
12	---	---	---	0	0	0	0	0	0	0	---	---	12
13	---	---	---	0	0	0	0	0	0	0	---	---	13
14	---	---	---	0	0	0	0.001	0	0	0	---	---	14
15	---	---	---	0	0	0	0.001	0	0	0	---	---	15
16	---	---	---	0	0	0	0.002	0	0	0	---	---	16
17	---	---	---	0	0	0	0.001	0	0	0	---	---	17
18	---	0A	---	0	0	0	0.001	0	0	0	---	---	18
19	---	---	---	0	0	0	0.002	0	0	0	---	---	19
20	0A	---	---	0	0	0	0.003	0	0	0	---	---	20
21	---	---	---	0	0	0	0.002	0	0	0	---	---	21
22	---	---	---	0	0	0	0.001	0	0	0	---	---	22
23	---	---	---	0	0	0	0.001	0	0	0	---	---	23
24	---	---	0A	0	0	0	0	0	0	0	---	---	24
25	---	---	0	0	0	0	0.001	0	0	0	---	---	25
26	---	---	0	0	0	0	0	0	0	0	---	---	26
27	---	---	0	0	0	0	0	0	0	0	---	---	27
28	---	---	0	0	0	0	0	0	0	0	---	---	28
29	---	---	0	0	0	0	0	0	0	0	---	---	29
30	---		0	0	0	0	0.001	0	0	0	---	---	30
31	---		0			0		0	0	0	---	---	31
										0		0E	
TOTAL	---	---	---	0	0	0	0.043	0	0	0	---	---	TOTAL
MEAN	---	---	---	0	0	0	0.001	0	0	0	---	---	MEAN
MAX	---	---	---	0	0	0	0.011	0	0	0	---	---	MAX
MIN	---	---	---	0	0	0	0	0	0	0	---	---	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 0
MAXIMUM DAILY, 0.011 ON JUL 8
MINIMUM DAILY, 0 ON APR 1
MAXIMUM INSTANTANEOUS,
0.014 ON JUL 8

DATA CONTRIBUTED BY -
OCEAN SCIENCE AND SURVEYS (DFO) (CANADA)

SUMMARY FOR THE MONTHS APR TO OCT

TYPE OF GAUGE - RECORDING
LOCATION - LAT 49 41 15 N
LONG 93 42 50 W
DRAINAGE AREA, 0.30 km²
A - MANUAL GAUGE

E - ESTIMATED
NATURAL FLOW

MONTHLY TOTAL DISCHARGE
IN CUBIC DECAMETRES

JAN	---	JUL	3.72
FEB	---	AUG	0
MAR	---	SEP	0
APR	0	OCT	0
MAY	0	NOV	---
JUN	0	DEC	---

TOTAL DISCHARGE, 3.72 dam³

LAKE 226 OUTLET NEAR KENORA - STATION NO. 05OD018

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1988

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	0E	---	0A	0 E	0.011	0.001	0.001	0.002	0	0	0	---	1
2	---	---	---	0.005E	0.011	0.001	0.001	0.002	0	0	0	---	2
3	---	---	---	0.010E	0.011	0.001	0.001	0.002	0	0	0	---	3
4	---	---	---	0.018E	0.011	0.001	0	0.002	0	0	0A	---	4
5	---	---	---	0.021E	0.010	0.001	0.001	0.001	0	0	---	0A	5
6	---	---	---	0.026A	0.009E	0	0.006	0.001	0	0	---	---	6
7	---	---	---	0.027	0.009E	0	0.091E	0.001	0	0	---	---	7
8	---	---	---	0.035	0.009E	0	0.114E	0.001	0	0	---	---	8
9	---	---	---	0.051	0.008E	0	0.084	0.001	0	0	---	---	9
10	---	---	---	0.052	0.008E	0	0.080	0.001	0	0	---	---	10
11	---	---	---	0.048	0.007E	0	0.044	0	0	0	---	---	11
12	---	---	---	0.049	0.007E	0	0.035	0	0	0	---	---	12
13	---	---	---	0.054A	0.008E	0	0.031	0	0	0	---	---	13
14	---	---	---	0.050E	0.008E	0.001	0.025	0	0	0	---	---	14
15	---	---	---	0.047E	0.008E	0.002	0.023	0	0	0	---	---	15
16	---	---	---	0.044E	0.008	0.003	0.019	0	0	0	---	---	16
17	---	---	---	0.041E	0.004	0.003	0.016	0	0	0	---	---	17
18	---	0A	---	0.038E	0.003	0.003	0.014	0	0	0	---	---	18
19	0A	---	---	0.034E	0.002	0.003	0.013	0	0	0	---	---	19
20	---	---	---	0.031E	0.002	0.001	0.011	0	0	0	---	---	20
21	---	---	---	0.028E	0.002	0.001	0.010	0	0	0	---	---	21
22	---	---	---	0.025E	0.003	0.001	0.008	0	0	0	---	---	22
23	---	---	---	0.022E	0.003	0.001	0.007	0	0	0	---	---	23
24	---	---	0A	0.018E	0.002	0.001	0.006	0	0	0	---	---	24
25	---	---	---	0.015	0.002	0.001	0.005	0	0	0	---	---	25
26	---	---	---	0.015	0.001	0.001	0.004	0	0	0	---	---	26
27	---	---	---	0.015	0.001	0.001	0.003	0	0	0	---	---	27
28	---	---	---	0.014	0.001	0.001	0.003	0	0	0	---	---	28
29	---	---	---	0.013	0.002	0.001	0.002	0	0	0	---	---	29
30	---		---	0.012	0.002	0.001	0.003	0	0	0	---	---	30
31	---		0E		0.001		0.003	0		0	---	0E	31
TOTAL	---	---	---	0.858	0.184	0.031	0.844	0.014	0	0	---	---	TOTAL
MEAN	---	---	---	0.029	0.005	0.001	0.021	0	0	0	---	---	MEAN
MAX	---	---	---	0.054	0.011	0.003	0.114	0.002	0	0	---	---	MAX
MIN	---	---	---	0	0.001	0	0	0	0	0	---	---	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 0.008
MAXIMUM DAILY, 0.114E ON JUL 8
MINIMUM DAILY, 0E ON APR 1
MAXIMUM INSTANTANEOUS,
0.135E ON JUL 7

DATA CONTRIBUTED BY -
OCEAN SCIENCE AND SURVEYS (DFO) (CANADA)

SUMMARY FOR THE MONTHS APR TO OCT

TYPE OF GAUGE - RECORDING
LOCATION - LAT 49 41 20 N
LONG 93 44 15 W
DRAINAGE AREA, 0.97 km²
A - MANUAL GAUGE

E - ESTIMATED
NATURAL FLOW

MONTHLY TOTAL DISCHARGE
IN CUBIC DECAMETRES

JAN	---	JUL	55.6
FEB	---	AUG	1.21
MAR	---	SEP	0
APR	74.0	OCT	0
MAY	14.2	NOV	---
JUN	2.68	DEC	---

TOTAL DISCHARGE, 148 dam³

LAKE 227 NEAR KENORA - STATION NO. 05OD009

DAILY WATER LEVEL IN METRES FOR 1988

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	---	---	---	---	28.858	28.922	28.804	28.931	28.858	28.842	---	---	1
2	---	---	---	---	28.857	28.918	28.901	28.928	28.854	28.840	---	---	2
3	---	---	---	---	28.855	28.917	28.899	28.923	28.852	28.840	---	---	3
4	---	---	---	---	28.852	28.913	28.896	28.918	28.848	28.837	---	---	4
5	---	---	---	---	28.848	28.908	28.903	28.915	28.845	28.837	---	---	5
6	---	---	---	---	28.845	28.903	28.942	28.911	28.841	28.835	---	---	6
7	---	---	---	28.987	28.848	28.899	29.123	28.905	28.838	28.834	---	---	7
8	---	---	---	28.980	28.848	28.891	29.121	28.900	28.834	28.834	---	---	8
9	---	---	---	28.974	28.843	28.885	29.065	28.897	28.828	28.833	---	---	9
10	---	---	---	28.974	28.841	28.878	29.032	28.892	28.824	28.830	---	---	10
11	---	---	---	28.973	28.840	28.873	29.012	28.888	28.827	28.828	---	---	11
12	---	---	---	29.004	28.841	28.871	28.996	28.883	28.832	28.828	---	---	12
13	---	---	---	29.003	28.840	28.868	28.992	28.881	28.830	28.828	---	---	13
14	---	---	---	28.999	28.838	28.880	28.984	28.885	28.827	28.823	---	---	14
15	---	---	---	28.990	28.838	28.944	28.981	28.883	28.825	28.824	---	---	15
16	---	---	---	28.982	28.837	28.953	28.973	28.881	28.831	28.825	---	---	16
17	---	---	---	28.982	28.833	28.951	28.988	28.880	28.834	28.826	---	---	17
18	---	---	---	28.980	28.830	28.952	28.986	28.875	28.835	28.823	---	---	18
19	---	---	---	28.972	28.832	28.948	28.973	28.868	28.852	28.822	---	---	19
20	---	---	---	28.961	28.836	28.939	28.970	28.885	28.856	28.821	---	---	20
21	---	---	---	28.955	28.836	28.933	28.964	28.862	28.858	28.822	---	---	21
22	---	---	---	28.952	28.837	28.930	28.957	28.867	28.858	28.820	---	---	22
23	---	---	---	28.950	28.832	28.921	28.949	28.870	28.858	28.827	---	---	23
24	---	---	---	28.948	28.828	28.920	28.948	28.874	28.853	28.832	---	---	24
25	---	---	---	28.951	28.823	28.917	28.942	28.889	28.852	28.830	---	---	25
26	---	---	---	28.954	28.820	28.912	28.936	28.885	28.850	28.828	---	---	26
27	---	---	---	28.956	28.818	28.908	28.933	28.884	28.848	28.827	---	---	27
28	---	---	---	28.957	28.823	28.915	28.927	28.881	28.848	28.848	---	---	28
29	---	---	---	28.958	28.829	28.911	28.940	28.858	28.844	28.850	---	---	29
30	---		---	28.958	28.826	28.907	28.938	28.858	28.844	28.848	---	---	30
31	---		---		28.826		28.934	28.856		28.847		---	31
MEAN	---	---	---	---	28.837	28.913	28.957	28.884	28.842	28.832	---	---	MEAN
MAX	---	---	---	---	28.858	28.953	29.123	28.931	28.858	28.850	---	---	MAX
MIN	---	---	---	---	28.818	28.858	28.896	28.856	28.824	28.820	---	---	MIN

WATER LEVELS IN METRES

MAXIMUM DAILY, 29.123 ON JUL 7

MAXIMUM INSTANTANEOUS,
29.173 AT 14:44 CST ON JUL 7

WATER LEVELS ARE REFERRED TO ASSUMED DATUM

SUMMARY FOR THE YEAR 1988

TYPE OF GAUGE - RECORDING
LOCATION - LAT 49 41 13 N
LONG 93 41 27 W
DATA CONTRIBUTED BY -
OCEAN SCIENCE AND SURVEYS (DFO) (CANADA)

NATURAL FLOW

DRAINAGE AREA,
0.34 km²

LAKE 227 OUTLET NEAR KENORA - STATION NO. 05OD008

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1988

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	0E	---	0A	0	0.004	0	0 E	0.001	0	0	0A	---	1
2	---	---*	---	0	0.004	0	0 E	0	0	0	---	---	2
3	---	---	---	0	0.004	0	0 E	0	0	0	---	---	3
4	---	---	---	0	0.003	0	0	0	0	0	---	---	4
5	---	---	---	0	0.003	0	0	0	0	0	---	0A	5
6	---	---	---	0	0.002	0	0.002	0	0	0	---	---	6
7	---	---	---	0	0.003	0	0.053E	0	0	0	---	---	7
8	---	---	---	0	0.003	0	0.052E	0	0	0	---	---	8
9	---	---	---	0	0.002	0	0.036E	0	0	0	---	---	9
10	---	---	---	0	0.002	0	0.023E	0	0	0	---	---	10
11	---	---	---	0.002	0.002	0	0.013E	0	0	0	---	---	11
12	---	---	---	0.008	0.002	0	0.008	0	0	0	---	---	12
13	---	---	---	0.010	0.001	0	0.008	0	0	0	---	---	13
14	---	---	---	0.009	0.001	0	0.007	0	0	0	---	---	14
15	---	---	---	0.008	0.001	0.001	0.007	0	0	0	---	---	15
16	---	---	---	0.007	0.001	0.002	0.006	0	0	0	---	---	16
17	---	---	---	0.007	0.001	0.002	0.005	0	0	0	---	---	17
18	---	0A	---	0.007	0.001	0.002	0.004	0	0	0	---	---	18
19	0A	---	---	0.006	0.001	0.002	0.005	0	0	0	---	---	19
20	0A	---	---	0.005	0.001	0.001	0.005	0	0	0	---	---	20
21	---	---	---	0.005	0.001	0.001	0.004	0	0	0	---	---	21
22	---	---	---	0.004	0.001	0.001	0.003	0	0	0	---	---	22
23	---	---	0A	0.004	0.001	0.001	0.002	0	0	0	---	---	23
24	---	---	0	0.004	0.001	0.001	0.002	0	0	0	---	---	24
25	---	---	0	0.004	0	0	0.002	0	0	0	---	---	25
26	---	---	0	0.004	0	0	0.001	0	0	0	---	---	26
27	---	---	0	0.005	0	0 A	0.001	0	0	0	---	---	27
28	---	---	0	0.005	0	0 E	0.001	0	0	0	---	---	28
29	---	---	0	0.005	0	0 E	0.002	0	0	0	---	---	29
30	---		0	0.005	0	0 E	0.001	0	0	0	---	---	30
31	---		0		0		0.001	0		0		0E	31
TOTAL	---	---	---	0.115	0.048	0.014	0.265	0.001	0	0	---	---	TOTAL
MEAN	---	---	---	0.004	0.001	0	0.009	0	0	0	---	---	MEAN
MAX	---	---	---	0.010	0.004	0.002	0.062	0.001	0	0	---	---	MAX
MIN	---	---	---	0	0	0	0	0	0	0	---	---	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 0.002
MAXIMUM DAILY, 0.062E ON JUL 6
MINIMUM DAILY, 0 ON APR 1
MAXIMUM INSTANTANEOUS,
0.061E ON JUL 7

DATA CONTRIBUTED BY -
OCEAN SCIENCE AND SURVEYS (DFO) (CANADA)

SUMMARY FOR THE MONTHS APR TO OCT

TYPE OF GAUGE - RECORDING
LOCATION - LAT 49 41 15 N
LONG 93 41 25 W
DRAINAGE AREA, 0.34 km²
A - MANUAL GAUGE

E - ESTIMATED
NATURAL FLOW

MONTHLY TOTAL DISCHARGE
IN CUBIC DECAMETRES

JAN	---	JUL	22.9
FEB	---	AUG	0.09
MAR	---	SEP	0
APR	9.84	OCT	0
MAY	3.87	NOV	---
JUN	1.21	DEC	---

TOTAL DISCHARGE, 38.1 dam³

LAKE 239 NEAR KENORA - STATION NO. 05PD021

DAILY WATER LEVEL IN METRES FOR 1988

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	29.340	29.355	29.341	29.438	29.578	29.527	29.485	29.519	29.408	29.376	29.363	29.395	1
2	29.340	29.355	29.342	29.438	29.578	29.522	29.460	29.513	29.405	29.373	29.363	29.395	2
3	29.343	29.353	29.342	29.440	29.572	29.518	29.470	29.508	29.402	29.374	29.360	29.395	3
4	29.343	29.352	29.341	29.443	29.570	29.513	29.439	29.502	29.397	29.388	29.388	29.397	4
5	29.344	29.353	29.341	29.446	29.567	29.507	29.481	29.498	29.392	29.384	29.389	29.395	5
6	29.344	29.351	29.348	29.448	29.564	29.502	29.490	29.493	29.387	29.381	29.384	29.384	6
7	29.346	29.350	29.354	29.458	29.567	29.496	29.519	29.488	29.385	29.389	29.381	29.374	7
8	29.346	29.341	29.373	29.488	29.570	29.487	29.577	29.482	29.378	29.357	29.382	29.371	8
9	29.345	29.335	29.378	29.547	29.568	29.478	29.560	29.475	29.373	29.357	29.382	29.388	9
10	29.348	29.334	29.381	29.570	29.564	29.472	29.558	29.466	29.369	29.356	29.381	29.383	10
11	29.348	29.333	29.387	29.583	29.562	29.467	29.553	29.464	29.374	29.351	29.389	29.385	11
12	29.345	29.331	29.382	29.602	29.561	29.465	29.542	29.466	29.378	29.346	29.389	29.385	12
13	29.345	29.329	29.381	29.620	29.559	29.462	29.538	29.466	29.374	29.342	29.382	29.389	13
14	29.348	29.327	29.382	29.624	29.555	29.478	29.527	29.458	29.370	29.341	29.382	29.381	14
15	29.348	29.328	29.386	29.624	29.552	29.513	29.524	29.466	29.368	29.341	29.382	29.383	15
16	29.352	29.330	29.388	29.623	29.548	29.516	29.515	29.464	29.374	29.343	29.385	29.347	16
17	29.355	29.329	29.388	29.623	29.544	29.513	29.503	29.464	29.377	29.344	29.388	29.381	17
18	29.354	29.328	29.388	29.619	29.542	29.514	29.507	29.444	29.378	29.343	29.387	29.348	18
19	29.355	29.333	29.388	29.615	29.544	29.510	29.507	29.439	29.383	29.342	29.381	29.368	19
20	29.355	29.337	29.388	29.611	29.547	29.502	29.502	29.438	29.384	29.343	29.381	29.382	20
21	29.356	29.337	29.387	29.606	29.549	29.501	29.504	29.433	29.381	29.344	29.381	29.382	21
22	29.355	29.339	29.386	29.603	29.548	29.501	29.574	29.435	29.389	29.341	29.382	29.383	22
23	29.354	29.341	29.387	29.598	29.546	29.494	29.588	29.433	29.384	29.352	29.382	29.378	23
24	29.356	29.339	29.402	29.595	29.542	29.483	29.583	29.438	29.385	29.350	29.383	29.378	24
25	29.356	29.337	29.428	29.598	29.537	29.489	29.585	29.433	29.383	29.346	29.385	29.378	25
26	29.358	29.336	29.433	29.598	29.534	29.485	29.548	29.427	29.380	29.343	29.384	29.378	26
27	29.354	29.336	29.433	29.595	29.530	29.483	29.542	29.428	29.380	29.361	29.386	29.382	27
28	29.354	29.337	29.434	29.591	29.532	29.483	29.536	29.421	29.378	29.369	29.385	29.384	28
29	29.353	29.338	29.437	29.587	29.537	29.475	29.538	29.416	29.378	29.363	29.386	29.385	29
30	29.352		29.438	29.583	29.534	29.469	29.531	29.414	29.377	29.361	29.385	29.386	30
31	29.355		29.438		29.532		29.524	29.410		29.355		29.383	31
MEAN	29.350	29.339	29.387	29.561	29.553	29.495	29.570	29.457	29.383	29.354	29.374	29.371	MEAN
MAX	29.356	29.355	29.438	29.624	29.578	29.527	29.680	29.519	29.408	29.376	29.396	29.397	MAX
MIN	29.340	29.327	29.341	29.439	29.530	29.462	29.439	29.410	29.368	29.341	29.349	29.345	MIN

WATER LEVELS IN METRES

SUMMARY FOR THE YEAR 1988

MEAN, 29.433
MAXIMUM DAILY, 29.680 ON JUL 9
MINIMUM DAILY, 29.327 ON FEB 14
MAXIMUM INSTANTANEOUS,
29.682 AT 05:00 CST ON JUL 9

TYPE OF GAUGE - RECORDING
LOCATION - LAT 49 39 26 N
LONG 93 43 36 W
DATA CONTRIBUTED BY -
OCEAN SCIENCE AND SURVEYS (DFO) (CANADA)

NATURAL FLOW

DRAINAGE AREA,
3.90 km²

WATER LEVELS ARE REFERRED TO ASSUMED DATUM

LAKE 239 NORTHEAST INLET NEAR KENORA - STATION NO. 05PD031

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1988

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	0E	---	0A	0 E	0.001	0	0	0	0	0	0	---	1
2	---	---	---	0 E	0.001	0	0	0	0	0	0	---	2
3	---	---	---	0 A	0.001	0	0	0	0	0	0	---	3
4	---	---	---	0 A	0.001	0	0	0	0	0	0	---	4
5	---	---	---	0.001A	0.001	0	0	0	0	0	0	0A	5
6	---	---	---	0.001	0.001	0	0.004	0	0	0	0	0A	6
7	---	---	---	0.002	0.001	0	0.020	0	0	0	0	---	7
8	---	---	---	0.004	0.001	0	0.011	0	0	0	0A	---	8
9	---	---	---	0.005	0.001	0	0.005	0	0	0	---	---	9
10	---	---	---	0.005	0.001	0	0.003	0	0	0	---	---	10
11	---	---	---	0.005	0.001	0	0.002	0	0	0	---	---	11
12	---	---	---	0.006	0.001	0	0.001	0	0	0	---	---	12
13	---	---	---	0.007	0.001	0	0.002	0	0	0	---	---	13
14	---	---	---	0.005	0.001	0.002	0.001	0	0	0	---	---	14
15	---	---	---	0.004	0.001	0.005	0.001	0	0	0	---	---	15
16	---	---	---	0.004	0	0.002	0.001	0	0	0	---	---	16
17	---	---	---	0.003	0	0.001	0	0	0	0	---	---	17
18	---	0A	---	0.002	0	0.001	0.001	0	0	0	---	---	18
19	0A	---	---	0.002	0.001	0	0.002	0	0	0	---	---	19
20	---	---	---	0.001	0.001	0	0.001	0	0.001	0	---	---	20
21	---	---	---	0.001	0.001	0	0.001	0	0	0	---	---	21
22	---	---	---	0.001	0.001	0	0.001	0	0	0	---	---	22
23	---	---	0A	0.001	0	0.001	0	0	0	0	---	---	23
24	---	---	0E	0.001	0	0.001	0	0	0	0	---	---	24
25	---	---	0E	0.001	0.001	0	0	0	0	0	---	---	25
26	---	---	0E	0.001	0.001	0	0	0	0	0	---	---	26
27	---	---	0E	0.001	0	0	0	0	0	0	---	---	27
28	---	---	0E	0.001	0.001	0	0	0	0	0	---	---	28
29	---	---	0E	0.001	0.001	0	0	0	0	0	---	---	29
30	---		0E	0.001	0	0	0	0	0	0	---	---	30
31	---		0E		0		0	0		0		0E	31
TOTAL	---	---	---	0.068	0.023	0.013	0.087	0	0.001	0	---	---	TOTAL
MEAN	---	---	---	0.002	0.001	0	0.002	0	0	0	---	---	MEAN
MAX	---	---	---	0.007	0.001	0.005	0.020	0	0.001	0	---	---	MAX
MIN	---	---	---	0	0	0	0	0	0	0	---	---	MIN

DISCHARGES IN CUBIC METRES PER SECOND

SUMMARY FOR THE MONTHS MAR TO OCT

MAXIMUM DAILY, 0.020 ON JUL 7
MINIMUM DAILY, 0A ON MAR 1
MAXIMUM INSTANTANEOUS,
0.037 ON JUL 7

TYPE OF GAUGE - RECORDING
LOCATION - LAT 49 40 04 N
LONG 93 43 08 W
DRAINAGE AREA, 0.12 km²
A - MANUAL GAUGE

E - ESTIMATED
NATURAL FLOW

DATA CONTRIBUTED BY -
FRESHWATER INSTITUTE (DFO) (CANADA)

MONTHLY TOTAL DISCHARGE
IN CUBIC DECAMETRES

JAN	---	JUL	4.82
FEB	---	AUG	0
MAR	---	SEP	0.08
APR	5.68	OCT	0
MAY	1.88	NOV	---
JUN	1.12	DEC	---

LAKE 239 OUTLET NEAR KENORA - STATION NO. 05PD023

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1988

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	0	0	0	0	0.036	0.015	0.002	0.014	0	0	0	0	1
2	0	0	0	0	0.035	0.014	0.002	0.013	0	0	0	0	2
3	0	0	0	0	0.034	0.013	0.001	0.011	0	0	0	0	3
4	0	0	0	0	0.032	0.011	0.001	0.008	0	0	0	0	4
5	0	0	0	0	0.030	0.009	0.002	0.008	0	0	0	0	5
6	0	0	0	0	0.027	0.008	0.007	0.007	0	0	0	0	6
7	0	0	0	0	0.028	0.007	0.085	0.008	0	0	0	0	7
8	0	0	0	0	0.029	0.004	0.104	0.008	0	0	0	0	8
9	0	0	0	0	0.023	0.003	0.105	0.004	0	0	0	0	9
10	0	0	0	0.001	0.021	0.002	0.097	0.003	0	0	0	0	10
11	0	0	0	0.021	0.021	0.001	0.088	0.002	0	0	0	0	11
12	0	0	0	0.052	0.021	0.001	0.080	0.002	0	0	0	0	12
13	0	0	0	0.082	0.021	0.002	0.076	0.002	0	0	0	0	13
14	0	0	0	0.085	0.019	0.005	0.088	0.002	0	0	0	0	14
15	0	0	0	0.084	0.017	0.013	0.086	0.001	0	0	0	0	15
16	0	0	0	0.082	0.014	0.014	0.088	0.001	0	0	0	0	16
17	0	0	0	0.081	0.013	0.013	0.083	0.002	0	0	0	0	17
18	0	0	0	0.058	0.011	0.013	0.080	0.001	0	0	0	0	18
19	0	0	0	0.058	0.012	0.013	0.080	0	0	0	0	0	19
20	0	0	0	0.052	0.012	0.011	0.048	0	0	0	0	0	20
21	0	0	0	0.050	0.011	0.010	0.043	0	0	0	0	0	21
22	0	0	0	0.048	0.009	0.010	0.040	0	0	0	0	0	22
23	0	0	0	0.045	0.009	0.008	0.036	0	0	0	0	0	23
24	0	0	0	0.043	0.008	0.007	0.034	0	0	0	0	0	24
25	0	0	0	0.043	0.008	0.008	0.030	0	0	0	0	0	25
26	0	0	0	0.043	0.013	0.005	0.026	0	0	0	0	0	26
27	0	0	0	0.042	0.018	0.004	0.023	0	0	0	0	0	27
28	0	0	0	0.040	0.017	0.005	0.021	0	0	0	0	0	28
29	0	0	0	0.039	0.018	0.003	0.021	0	0	0	0	0	29
30	0		0	0.037	0.016	0.002	0.018	0	0	0	0	0	30
31	0		0		0.018		0.018	0		0		0	31
TOTAL	0	0	0	0.885	0.801	0.232	1.331	0.083	0	0	0	0	TOTAL
MEAN	0	0	0	0.033	0.018	0.008	0.043	0.003	0	0	0	0	MEAN
MAX	0	0	0	0.085	0.036	0.015	0.105	0.014	0	0	0	0	MAX
MIN	0	0	0	0	0.008	0.001	0.001	0	0	0	0	0	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 0.009
MAXIMUM DAILY, 0.105 ON JUL 9
MINIMUM DAILY, 0 ON JAN 1
MAXIMUM INSTANTANEOUS,
0.107 ON JUL 9

DATA CONTRIBUTED BY -
OCEAN SCIENCE AND SURVEYS (DFO) (CANADA)

SUMMARY FOR THE YEAR 1988

TYPE OF GAUGE - RECORDING
LOCATION - LAT 49 38 28 N
LONG 93 43 36 W
DRAINAGE AREA, 3.90 km²

NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	0	JUL	115
FEB	0	AUG	8.04
MAR	0	SEP	0
APR	85.1	OCT	0
MAY	51.8	NOV	0
JUN	20.0	DEC	0

TOTAL DISCHARGE, 280 dam³

LAKE 239, LOWER EAST INLET, NEAR KENORA - STATION NO. 05PD024

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1988

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	OE	---	OA	0 E	0.010	0.001	0	0	0	0	0	---	1
2	---	---	OA	0 E	0.010	0	0	0	0	0	0	---	2
3	---	---	---	0 E	0.010	0	0	0	0	0	0	---	3
4	---	---	---	0 E	0.010	0	0	0	0	0	0	---	4
5	---	---	---	0 A	0.009	0	0	0	0	0	0	---	5
6	---	---	---	0.001E	0.008	0	0.008	0	0	0	0	OA	6
7	---	---	---	0.084	0.011	0	0.320	0	0	0	0	---	7
8	---	---	---	0.178	0.010	0	0.101	0	0	0	OA	---	8
9	---	---	---	0.175	0.008	0	0.036	0	0	0	OA	---	9
10	---	---	---	0.083	0.007	0	0.017	0	0	0	---	---	10
11	---	---	---	0.084	0.007	0	0.011	0	0	0	---	---	11
12	---	---	---	0.086	0.007	0	0.008	0	0	0	---	---	12
13	---	---	---	0.078	0.008	0	0.011	0	0	0	---	---	13
14	---	---	---	0.043	0.005	0.010	0.005	0	0	0	---	---	14
15	---	---	---	0.026	0.005	0.048	0.008	0	0	0	---	---	15
16	---	---	---	0.031	0.004	0.021	0.004	0	0	0	---	---	16
17	---	---	---	0.031	0.003	0.008	0.002	0	0	0	---	---	17
18	---	OA	---	0.023	0.003	0.004	0.004	0	0	0	---	---	18
19	OA	---	---	0.014	0.005	0.002	0.013	0	0	0	---	---	19
20	---	---	---	0.005	0.006	0	0.007	0	0	0	---	---	20
21	---	---	---	0.007	0.006	0	0.003	0	0	0	---	---	21
22	---	---	OA	0.006	0.007	0 E	0.001	0	0	0	---	---	22
23	---	---	---	0.007	0.005	0 E	0	0	0	0	---	---	23
24	---	---	---	0.008	0.003	0.001	0	0	0	0	---	---	24
25	---	---	---	0.010	0.002	0	0	0	0	0	---	---	25
26	---	---	---	0.012	0.002	0	0	0	0	0	---	---	26
27	---	---	---	0.010	0.002	0	0	0	0	0	---	---	27
28	---	---	---	0.008	0.003	0	0	0	0	0	---	---	28
29	---	---	---	0.008	0.008	0	0	0	0	0	---	---	29
30	---		---	0.009	0.003	0	0	0	0	0	---	---	30
31	---		---		0.001		0	0		0		OE	31
TOTAL	---	---	---	1.004	0.191	0.095	0.558	0	0	0	---	---	TOTAL
MEAN	---	---	---	0.033	0.006	0.003	0.018	0	0	0	---	---	MEAN
MAX	---	---	---	0.178	0.011	0.048	0.320	0	0	0	---	---	MAX
MIN	---	---	---	0	0.001	0	0	0	0	0	---	---	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 0.009
MAXIMUM DAILY, 0.320 ON JUL 7
MINIMUM DAILY, OE ON APR 1
MAXIMUM INSTANTANEOUS,
0.720 ON JUL 7

DATA CONTRIBUTED BY -
OCEAN SCIENCE AND SURVEYS (DFO) (CANADA)

SUMMARY FOR THE MONTHS APR TO OCT

TYPE OF GAUGE - RECORDING
LOCATION - LAT 49 38 37 N
LONG 93 42 48 W
DRAINAGE AREA, 1.70 km²
A - MANUAL GAUGE

E - ESTIMATED
NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	---	JUL	46.2
FEB	---	AUG	0
MAR	---	SEP	0
APR	88.7	OCT	0
MAY	15.5	NOV	---
JUN	8.21	DEC	---

TOTAL DISCHARGE, 160 dam³

LAKE 240 OUTLET NEAR KENORA - STATION NO. 05PD015

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1988

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	0	0	0	0	0.077	0.028	0.007	0.032	0	0	0	0	1
2	0	0	0	0	0.075	0.026	0.006	0.028	0	0	0	0	2
3	0	0	0	0	0.072	0.025	0.005	0.027	0	0	0	0	3
4	0	0	0	0	0.069	0.024	0.004	0.024	0	0	0	0	4
5	0	0	0	0	0.066	0.022	0.004	0.023	0	0	0	0	5
6	0	0	0	0	0.062	0.019	0.010	0.021	0	0	0	0	6
7	0	0	0	0	0.063	0.016	0.048	0.019	0	0	0	0	7
8	0	0	0	0	0.063	0.013	0.083	0.018	0	0	0	0	8
9	0	0	0	0	0.058	0.011	0.110	0.014	0	0	0	0	9
10	0	0	0	0	0.055	0.010	0.118	0.011	0	0	0	0	10
11	0	0	0	0.008	0.052	0.008	0.118	0.010	0	0	0	0	11
12	0	0	0	0.029	0.050	0.008	0.118	0.009	0	0	0	0	12
13	0	0	0	0.044	0.047	0.007	0.114	0.008	0	0	0	0	13
14	0	0	0	0.058	0.044	0.012	0.111	0.008	0	0	0	0	14
15	0	0	0	0.070	0.042	0.021	0.108	0.008	0	0	0	0	15
16	0	0	0	0.082	0.038	0.021	0.100	0.007	0	0	0	0	16
17	0	0	0	0.088	0.037	0.018	0.093	0.007	0	0	0	0	17
18	0	0	0	0.095	0.035	0.020	0.087	0.006	0	0	0	0	18
19	0	0	0	0.098	0.038	0.020	0.085	0.004	0	0	0	0	19
20	0	0	0	0.098	0.038	0.018	0.079	0.003	0	0	0	0	20
21	0	0	0	0.098	0.037	0.017	0.074	0.001	0	0	0	0	21
22	0	0	0	0.097	0.036	0.017	0.068	0.001	0	0	0	0	22
23	0	0	0	0.095	0.033	0.014	0.083	0.002	0	0	0	0	23
24	0	0	0	0.093	0.030	0.013	0.081	0.004	0	0	0	0	24
25	0	0	0	0.093	0.027	0.013	0.055	0.003	0	0	0	0	25
26	0	0	0	0.091	0.027	0.012	0.050	0.002	0	0	0	0	26
27	0	0	0	0.089	0.026	0.011	0.047	0.003	0	0	0	0	27
28	0	0	0	0.085	0.027	0.011	0.043	0.002	0	0	0	0	28
29	0	0	0	0.082	0.030	0.010	0.043	0.001	0	0	0	0	29
30	0		0	0.080	0.030	0.008	0.038	0.001	0	0	0	0	30
31	0		0		0.029		0.035	0		0		0	31
TOTAL	0	0	0	1.575	1.413	0.475	1.885	0.305	0	0	0	0	TOTAL
MEAN	0	0	0	0.053	0.046	0.015	0.064	0.010	0	0	0	0	MEAN
MAX	0	0	0	0.098	0.077	0.028	0.118	0.032	0	0	0	0	MAX
MIN	0	0	0	0	0.026	0.007	0.004	0	0	0	0	0	MIN

DISCHARGES IN CUBIC METRES PER SECOND

SUMMARY FOR THE YEAR 1988

MEAN, 0.018
MAXIMUM DAILY, 0.118 ON JUL 11
MINIMUM DAILY, 0 ON JAN 1
MAXIMUM INSTANTANEOUS,
0.121 ON JUL 10

TYPE OF GAUGE - RECORDING
LOCATION - LAT 49 36 52 N
LONG 93 43 34 W
DRAINAGE AREA, 7.25 km²

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	0	JUL	172
FEB	0	AUG	28.4
MAR	0	SEP	0
APR	138	OCT	0
MAY	122	NOV	0
JUN	41.0	DEC	0

TOTAL DISCHARGE, 497 dam³

DATA CONTRIBUTED BY -
OCEAN SCIENCE AND SURVEYS (DFO) (CANADA)

NATURAL FLOW

LAKE 302 NEAR KENORA - STATION NO. 05OD022

DAILY WATER LEVEL IN METRES FOR 1988

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	---	---	---	---	27.614	27.591	27.570	27.594	27.610	27.488	27.488	---	1
2	---	---	---	---	27.608	27.590	27.565	27.589	27.609	27.488	27.488	---	2
3	---	---	---	---	27.605	27.588	27.563	27.585	27.609	27.488	27.488	---	3
4	---	---	---	---	27.602	27.585	27.561	27.583	27.604	27.483	27.488	---	4
5	---	---	---	---	27.598	27.581	27.570	27.580	27.600	27.481	27.488	---	5
6	---	---	---	---	27.595	27.578	27.602	27.575	27.495	27.478	27.486	---	6
7	---	---	---	27.631A	27.599	27.577	27.628	27.575	27.492	27.478	27.485	---	7
8	---	---	---	27.646	27.598	27.577	27.640	27.570	27.488	27.478	27.484A	---	8
9	---	---	---	27.663	27.598	27.570	27.652	27.564	27.481	27.477	---	---	9
10	---	---	---	27.685	27.594	27.563	27.665	27.559	27.477	27.476	---	---	10
11	---	---	---	27.681	27.592	27.557	27.670	27.558	27.482	27.489	---	---	11
12	---	---	---	27.659	27.593	27.557	27.658	27.550	27.488	27.487	---	---	12
13	---	---	---	27.661	27.592	27.553	27.651	27.547	27.484	27.485	---	---	13
14	---	---	---	27.662	27.590	27.584	27.641	27.547	27.480	27.483	---	---	14
15	---	---	---	27.660	27.590	27.602	27.643	27.544	27.478	27.482	---	---	15
16	---	---	---	27.655	27.589	27.607	27.636	27.543	27.485	27.483	---	---	16
17	---	---	---	27.652	27.588	27.605	27.633	27.542	27.487	27.484	---	---	17
18	---	---	---	27.653	27.586	27.607	27.628	27.535	27.488	27.482	---	---	18
19	---	---	---	27.648	27.586	27.605	27.627	27.531	27.505	27.481	---	---	19
20	---	---	---	27.643	27.582	27.600	27.622	27.529	27.509	27.481	---	---	20
21	---	---	---	27.635	27.595	27.588	27.618	27.525	27.506	27.483	---	---	21
22	---	---	---	27.634	27.594	27.600	27.615	27.523	27.505	27.481	---	---	22
23	---	---	---	27.633	27.591	27.594	27.610	27.525	27.503	27.488	---	---	23
24	---	---	---	27.628	27.590	27.593	27.614	27.531	27.502	27.486	---	---	24
25	---	---	---	27.626	27.587	27.590	27.609	27.527	27.500	27.487	---	---	25
26	---	---	---	27.628	27.588	27.584	27.604	27.523	27.498	27.486	---	---	26
27	---	---	---	27.628	27.584	27.582	27.601	27.524	27.497	27.477	---	---	27
28	---	---	---	27.626	27.588	27.583	27.597	27.520	27.494	27.488	---	---	28
29	---	---	---	27.624	27.595	27.578	27.604	27.518	27.493	27.487	---	---	29
30	---		---	27.623	27.595	27.573	27.602	27.515	27.491	27.488	---	---	30
31	---		---		27.594		27.597	27.512		27.487		---	31
MEAN	---	---	---	---	27.594	27.585	27.618	27.547	27.495	27.473	---	---	MEAN
MAX	---	---	---	---	27.614	27.607	27.670	27.594	27.510	27.489	---	---	MAX
MIN	---	---	---	---	27.594	27.553	27.561	27.512	27.477	27.481	---	---	MIN

WATER LEVELS IN METRES

SUMMARY FOR THE YEAR 1988

A - MANUAL GAUGE

MAXIMUM DAILY, 27.670 ON JUL 11

MAXIMUM INSTANTANEOUS,
27.674 AT 08:14 CST ON JUL 11

TYPE OF GAUGE - RECORDING
LOCATION - LAT 49 40 24 N
LONG 93 45 40 W
DATA CONTRIBUTED BY -
OCEAN SCIENCE AND SURVEYS (DFO) (CANADA)

NATURAL FLOW

DRAINAGE AREA,
1.02 km²

WATER LEVELS ARE REFERRED TO ASSUMED DATUM

LAKE 302 OUTLET NEAR KENORA - STATION NO. 05OD023

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1988

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	0E	---	0E	0 E	0.008	0	0.001	0.001	0	0	0E	---	1
2	---	---	---	0 E	0.007	0	0.001	0.001	0	0	0E	---	2
3	---	---	---	0 E	0.007	0	0.001	0.001	0	0	0E	---	3
4	---	---	---	0 E	0.007	0	0.001	0.001	0	0	0E	---	4
5	---	---	---	0 E	0.008	0	0	0.001	0	0	0E	0A	5
6	---	---	---	0 E	0.008	0	0.003	0.001	0	0	0E	---	6
7	---	---	---	0 A	0.008	0	0.058E	0	0	0	0E	---	7
8	---	---	---	0.008	0.008	0	0.088E	0	0	0	0E	---	8
9	---	---	---	0.027	0.008	0	0.080	0	0	0	---	---	9
10	---	---	---	0.029	0.008	0	0.082	0	0	0	---	---	10
11	---	---	---	0.027	0.008	0	0.048	0	0	0	---	---	11
12	---	---	---	0.027	0.008	0	0.034	0	0	0	---	---	12
13	---	---	---	0.030	0.004	0	0.028	0	0	0	---	---	13
14	---	---	---	0.024	0.003	0	0.025	0	0	0	---	---	14
15	---	---	---	0.024	0.003	0.003	0.019	0	0	0E	---	---	15
16	---	---	---	0.021	0.002	0.004	0.018	0	0	0E	---	---	16
17	---	---	---	0.020	0.002	0.003	0.012	0	0	0E	---	---	17
18	---	0A	---	0.018	0.001	0.004	0.010	0	0	0E	---	---	18
19	0A	---	---	0.017	0.001	0.004	0.007	0	0	0E	---	---	19
20	---	---	---	0.016	0.001	0.002	0.005	0	0	0E	---	---	20
21	---	---	---	0.014	0.001	0.003	0.004	0	0	0E	---	---	21
22	---	---	---	0.013	0.001	0.003	0.003	0	0	0E	---	---	22
23	---	---	---	0.012	0.001	0.002	0.002	0	0	0E	---	---	23
24	---	---	0A	0.011	0.001	0.002	0.002	0	0	0E	---	---	24
25	---	---	---	0.012	0.001	0.002	0.001	0	0	0E	---	---	25
26	---	---	---	0.011	0	0.002	0.001	0	0	0E	---	---	26
27	---	---	---	0.011	0	0.002	0.001	0	0	0E	---	---	27
28	---	---	---	0.010	0	0.002	0.001	0	0	0E	---	---	28
29	---	---	---	0.010	0.001	0.001	0.002	0	0	0E	---	---	29
30	---		---	0.009	0.001	0.001	0.001	0	0	0E	---	---	30
31	---		---		0.001		0.001	0		0E		0E	31
TOTAL	---	---	---	0.408	0.098	0.040	0.524	0.008	0	0	---	---	TOTAL
MEAN	---	---	---	0.014	0.003	0.001	0.017	0	0	0	---	---	MEAN
MAX	---	---	---	0.030	0.008	0.004	0.088	0.001	0	0	---	---	MAX
MIN	---	---	---	0	0	0	0	0	0	0	---	---	MIN

SUMMARY FOR THE MONTHS MAR TO OCT

DISCHARGES IN CUBIC METRES PER SECOND

MAXIMUM DAILY, 0.088E ON JUL 8
MINIMUM DAILY, 0E ON MAR 1
MAXIMUM INSTANTANEOUS,
0.102 ON JUL 7

DATA CONTRIBUTED BY -
OCEAN SCIENCE AND SURVEYS (DFO) (CANADA)

TYPE OF GAUGE - RECORDING
LOCATION - LAT 49 40 47 N
LONG 93 45 38 W
DRAINAGE AREA, 1.02 km²
A - MANUAL GAUGE

E - ESTIMATED
NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	---	JUL	45.3
FEB	---	AUG	0.52
MAR	---	SEP	0
APR	35.1	OCT	0
MAY	8.29	NOV	---
JUN	3.48	DEC	---

LAKE 302 UPLAND WATERSHED NEAR KENORA - STATION NO. 05OD024

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1988

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	0E	---	0A	0 E	0	0	0	0	0	0	0A	---	1
2	---	---	---	0 E	0	0	0	0	0	0	0A	---	2
3	---	---	---	0 A	0	0	0	0	0	0	0A	---	3
4	---	---	---	0.001A	0	0	0	0	0	0	0A	---	4
5	---	---	---	0.002A	0	0	0	0	0	0	0A	0A	5
6	---	---	---	0.008	0	0	0.015	0	0	0	0A	---	6
7	---	---	---	0.009	0	0	0.048	0	0	0	0A	---	7
8	---	---	---	0.017E	0	0	0.006	0	0	0	0A	---	8
9	---	---	---	0.013	0	0	0.002	0	0	0	0A	---	9
10	---	---	---	0.008	0	0	0.001	0	0	0	0A	---	10
11	---	---	---	0.005	0	0	0	0	0	0	0E	---	11
12	---	---	---	0.009	0	0	0	0	0	0	0A	---	12
13	---	---	---	0.008	0	0	0	0	0	0	0A	---	13
14	---	---	---	0.004	0	0.001	0	0	0	0	0A	---	14
15	---	---	---	0.002	0	0.009	0	0	0	0	0A	---	15
16	---	---	---	0.003	0	0.003	0	0	0	0	---	---	16
17	---	---	---	0.003	0	0.001	0	0	0	0	---	---	17
18	---	0A	---	0.002	0	0	0	0	0	0	---	---	18
19	0A	---	---	0.001	0	0	0	0	0.001	0	---	---	19
20	---	---	---	0.001	0	0	0	0	0.001	0	---	---	20
21	---	---	---	0.001	0	0	0	0	0	0	---	---	21
22	---	---	---	0.001	0	0	0	0	0	0	---	---	22
23	---	---	---	0	0	0	0	0	0	0	---	---	23
24	---	---	0A	0.001	0	0	0	0	0	0	---	---	24
25	---	---	---	0.001	0	0	0	0	0	0	---	---	25
26	---	---	---	0.001	0	0	0	0	0	0	---	---	26
27	---	---	---	0.001	0	0	0	0	0	0	---	---	27
28	---	---	---	0.001	0	0	0	0	0	0	---	---	28
29	---	---	---	0.001	0	0	0	0	0	0	---	---	29
30	---		---	0.001	0	0	0	0	0	0	---	---	30
31	---		---		0		0	0		0		0E	31
TOTAL	---	---	---	0.101	0	0.014	0.072	0	0.002	0	---	---	TOTAL
MEAN	---	---	---	0.003	0	0	0.002	0	0	0	---	---	MEAN
MAX	---	---	---	0.017	0	0.009	0.048	0	0.001	0	---	---	MAX
MIN	---	---	---	0	0	0	0	0	0	0	---	---	MIN

SUMMARY FOR THE MONTHS APR TO OCT

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 0.001
MAXIMUM DAILY, 0.048 ON JUL 7
MINIMUM DAILY, 0E ON APR 1
MAXIMUM INSTANTANEOUS,
0.124 ON JUL 7

DATA CONTRIBUTED BY -
OCEAN SCIENCE AND SURVEYS (DFO) (CANADA)

TYPE OF GAUGE - RECORDING
LOCATION - LAT 49 40 22 N
LONG 93 45 00 W
DRAINAGE AREA, 0.07 km²
A - MANUAL GAUGE

E - ESTIMATED
NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	---	JUL	8.32
FEB	---	AUG	0
MAR	---	SEP	0.17
APR	8.73	OCT	0
MAY	0	NOV	---
JUN	1.31	DEC	---

TOTAL DISCHARGE, 18.3 dam³

LAKE 303 NEAR KENORA - STATION NO. 05PD020

DAILY WATER LEVEL IN METRES FOR 1988

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	---	---	---	---	55.714	55.687	55.628	55.702	55.627	55.608	55.625	---	1
2	---	---	---	---	55.711	55.684	55.621	55.697	55.624	55.608	55.632A	---	2
3	---	---	---	---	55.710	55.680	55.614	55.694	55.621	55.605	---	---	3
4	---	---	---	---	55.708	55.658	55.608	55.688	55.615	55.602	---	---	4
5	---	---	---	---	55.707	55.652	55.613	55.686	55.610	55.599	---	---	5
6	---	---	---	55.736A	55.704	55.648	55.647	55.682	55.608	55.598	---	---	6
7	---	---	---	55.751	55.708	55.641	55.618	55.680	55.604	55.597	---	---	7
8	---	---	---	55.765	55.708	55.638	55.644	55.676	55.600	55.598	---	---	8
9	---	---	---	55.761	55.704	55.630	55.613	55.671	55.592	55.600	---	---	9
10	---	---	---	55.750	55.701	55.623	55.787	55.668	55.589	55.598	---	---	10
11	---	---	---	55.753	55.698	55.618	55.771	55.660	55.586	55.592	---	---	11
12	---	---	---	55.781	55.696	55.617	55.760	55.658	55.600	55.588	---	---	12
13	---	---	---	55.784	55.695	55.613	55.757	55.656	55.599	55.587	---	---	13
14	---	---	---	55.785	55.692	55.628	55.780	55.657	55.595	55.587	---	---	14
15	---	---	---	55.774	55.688	55.662	55.760	55.653	55.594	55.587	---	---	15
16	---	---	---	55.761	55.688	55.685	55.745	55.650	55.600	55.588	---	---	16
17	---	---	---	55.758	55.684	55.662	55.741	55.648	55.603	55.588	---	---	17
18	---	---	---	55.750	55.680	55.684	55.738	55.642	55.604	55.587	---	---	18
19	---	---	---	55.744	55.682	55.663	55.739	55.638	55.624	55.588	---	---	19
20	---	---	---	55.739	55.687	55.657	55.735	55.634	55.625	55.589	---	---	20
21	---	---	---	55.735	55.688	55.656	55.732	55.630	55.622	55.590	---	---	21
22	---	---	---	55.731	55.687	55.658	55.728	55.631	55.623	55.590	---	---	22
23	---	---	---	55.728	55.683	55.653	55.723	55.632	55.620	55.588	---	---	23
24	---	---	---	55.725	55.680	55.653	55.728	55.637	55.618	55.601	---	---	24
25	---	---	---	55.723	55.676	55.650	55.723	55.634	55.616	55.600	---	---	25
26	---	---	---	55.722	55.672	55.646	55.718	55.633	55.615	55.602	---	---	26
27	---	---	---	55.720	55.668	55.644	55.714	55.633	55.614	55.615	---	---	27
28	---	---	---	55.718	55.670	55.645	55.709	55.632	55.612	55.623	---	---	28
29	---	---	---	55.717	55.677	55.639	55.714	55.632	55.611	55.624	---	---	29
30	---		---	55.715	55.675	55.634	55.710	55.631	55.609	55.623	---	---	30
31	---		---		55.672		55.708	55.628		55.625		---	31
MEAN	---	---	---	---	55.691	55.647	55.722	55.655	55.610	55.599	---	---	MEAN
MAX	---	---	---	---	55.714	55.687	55.844	55.702	55.627	55.625	---	---	MAX
MIN	---	---	---	---	55.668	55.613	55.608	55.628	55.589	55.587	---	---	MIN

WATER LEVELS IN METRES

MAXIMUM DAILY, 55.864 ON JUL 8

MAXIMUM INSTANTANEOUS,
55.881 AT 17:44 CST ON JUL 7

WATER LEVELS ARE REFERRED TO ASSUMED DATUM NO. 2

SUMMARY FOR THE YEAR 1988

TYPE OF GAUGE - RECORDING
LOCATION - LAT 49 39 40 N
LONG 93 44 30 W
DATA CONTRIBUTED BY -
OCEAN SCIENCE AND SURVEYS (DFO) (CANADA)

A - MANUAL GAUGE

NATURAL FLOW

DRAINAGE AREA,
0.84 km²

LAKE 303 OUTLET NEAR KENORA - STATION NO. 05PD019

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1988

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	0E	---	0E	0 E	0.001	0	0	0	0	0	0	---	1
2	---	---	---	0 E	0.002	0	0	0	0	0	0A	---	2
3	---	---	---	0 E	0.002	0	0	0	0	0	---	---	3
4	---	---	---	0 E	0.002	0	0	0	0	0	---	---	4
5	---	---	---	0 E	0.003	0	0	0	0	0	---	---	5
6	---	---	---	0 A	0.002	0	0	0	0	0	---	0A	6
7	---	---	---	0.004	0.002	0	0.049	0	0	0	---	---	7
8	---	---	---	0.024	0.002	0	0.052	0	0	0	---	---	8
9	---	---	---	0.048	0.002	0	0.030	0	0	0	---	---	9
10	---	---	---	0.034	0.002	0	0.018	0	0	0	---	---	10
11	---	---	---	0.028	0.002	0	0.012	0	0	0	---	---	11
12	---	---	---	0.024	0.002	0	0.008	0	0	0	---	---	12
13	---	---	---	0.024	0.002	0	0.008	0	0	0	---	---	13
14	---	---	---	0.018	0.001	0	0.005	0	0	0	---	---	14
15	---	---	---	0.013	0.001	0	0.005	0	0	0	---	---	15
16	---	---	---	0.011	0.001	0	0.004	0	0	0	---	---	16
17	---	---	---	0.009	0.001	0	0.003	0	0	0	---	---	17
18	---	0A	---	0.008	0.001	0	0.003	0	0	0	---	---	18
19	0A	---	---	0.007	0.001	0	0.002	0	0	0	---	---	19
20	---	---	---	0.008	0.001	0	0.001	0	0	0	---	---	20
21	---	---	---	0.005	0.001	0	0	0	0	0	---	---	21
22	---	---	---	0.005	0.001	0	0	0	0	0	---	---	22
23	---	---	0A	0.004	0.001	0	0	0	0	0	---	---	23
24	---	---	---	0.004	0.001	0	0	0	0	0	---	---	24
25	---	---	---	0.004	0.001	0	0	0	0	0	---	---	25
26	---	---	---	0.004	0.001	0	0	0	0	0	---	---	26
27	---	---	---	0.003	0.001	0	0	0	0	0	---	---	27
28	---	---	---	0.003	0	0	0	0	0	0	---	---	28
29	---	---	---	0.002	0	0	0	0	0	0	---	---	29
30	---		---	0.002	0	0	0	0	0	0	---	---	30
31	---		---		0		0	0		0		0E	31
TOTAL	---	---	---	0.289	0.038	0	0.200	0	0	0	---	---	TOTAL
MEAN	---	---	---	0.010	0.001	0	0.006	0	0	0	---	---	MEAN
MAX	---	---	---	0.048	0.002	0	0.052	0	0	0	---	---	MAX
MIN	---	---	---	0	0	0	0	0	0	0	---	---	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 0.002
MAXIMUM DAILY, 0.052 ON JUL 8
MINIMUM DAILY, 0E ON APR 1
MAXIMUM INSTANTANEOUS,
0.074 ON JUL 7

DATA CONTRIBUTED BY -
OCEAN SCIENCE AND SURVEYS (DFO) (CANADA)

SUMMARY FOR THE MONTHS APR TO OCT

TYPE OF GAUGE - RECORDING
LOCATION - LAT 49 39 35 N
LONG 93 44 38 W
DRAINAGE AREA, 0.84 km²
A - MANUAL GAUGE

E - ESTIMATED
NATURAL FLOW

MONTHLY TOTAL DISCHARGE
IN CUBIC DECAMETRES

JAN	---	JUL	17.3
FEB	---	AUG	0
MAR	---	SEP	0
APR	25.0	OCT	0
MAY	3.37	NOV	---
JUN	0	DEC	---

TOTAL DISCHARGE, 45.7 dam³

LAKE 304 NEAR KENORA - STATION NO. 05PD018

DAILY WATER LEVEL IN METRES FOR 1988

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	---	---	---	---	53.590E	53.585	53.553	53.617	53.511	53.505	53.485	---	1
2	---	---	---	---	53.590E	53.583	53.548	53.613	53.508	53.501	---	---	2
3	---	---	---	---	53.591E	53.581	53.543	53.610	53.507	53.501	---	---	3
4	---	---	---	---	53.591E	53.577	53.538	53.606	53.503	53.495	---	---	4
5	---	---	---	---	53.591E	53.572	53.544	53.602	53.498	53.492	---	---	5
6	---	---	---	53.533A	53.591E	53.567	53.576	53.600	53.497	53.491	---	---	6
7	---	---	---	53.547	53.591E	53.561	53.586	53.598	53.494	53.488	---	---	7
8	---	---	---	53.576	53.591E	53.556	53.700	53.592	53.490	53.487	---	---	8
9	---	---	---	53.528	53.591E	53.547	53.667	53.585	53.482	53.485	---	---	9
10	---	---	---	53.530	53.591E	53.541	53.676	53.573	53.477	53.482	---	---	10
11	---	---	---	53.515	53.591E	53.535	53.671	53.564	53.486	53.478	---	---	11
12	---	---	---	53.507	53.594E	53.534	53.658	53.556	53.487	53.477	---	---	12
13	---	---	---	53.500	53.594	53.529	53.658	53.551	53.486	53.474	---	---	13
14	---	---	---	53.593	53.548	53.585	53.655	53.551	53.482	53.473	---	---	14
15	---	---	---	53.582	53.593	53.585	53.658	53.548	53.480	53.473	---	---	15
16	---	---	---	53.575	53.591	53.589	53.654	53.544	53.487	53.475	---	---	16
17	---	---	---	53.570	53.590	53.588	53.650	53.543	53.491	53.473	---	---	17
18	---	---	---	53.589	53.587	53.589	53.658	53.537	53.491	53.472	---	---	18
19	---	---	---	53.585	53.590	53.587	53.658	53.533	53.513	53.470	---	---	19
20	---	---	---	53.586	53.594	53.580	53.653	53.530	53.518	53.470	---	---	20
21	---	---	---	53.585	53.595	53.578	53.648	53.526	53.518	53.478	---	---	21
22	---	---	---	53.587	53.585	53.578	53.644	53.527	53.518	53.485	---	---	22
23	---	---	---	53.588	53.593	53.574	53.639	53.527	53.519	53.478	---	---	23
24	---	---	---	53.571	53.590	53.575	53.641	53.530	53.518	53.478	---	---	24
25	---	---	---	53.575	53.586	53.573	53.635	53.526	53.517	53.477	---	---	25
26	---	---	---	53.581	53.584	53.569	53.628	53.521	53.515	53.474	---	---	26
27	---	---	---	53.585	53.582	53.568	53.626	53.522	53.514	53.484	---	---	27
28	---	---	---	53.587	53.585	53.568	53.623	53.518	53.512	53.487	---	---	28
29	---	---	---	53.588	53.592	53.564	53.627	53.518	53.508	53.484	---	---	29
30	---		---	53.590	53.591	53.558	53.624	53.514	53.507	53.484	---	---	30
31	---		---		53.589		53.620	53.512		53.484		---	31
MEAN	---	---	---	---	53.591	53.568	53.634	53.554	53.501	53.483	---	---	MEAN
MAX	---	---	---	---	53.595	53.589	53.700	53.617	53.518	53.505	---	---	MAX
MIN	---	---	---	---	53.582	53.529	53.538	53.512	53.477	53.485	---	---	MIN

SUMMARY FOR THE YEAR 1988

WATER LEVELS IN METRES

MAXIMUM DAILY, 53.700 ON JUL 8

MAXIMUM INSTANTANEOUS,
53.721 AT 15:18 CST ON JUL 7

WATER LEVELS ARE REFERRED TO ASSUMED DATUM NO. 2

TYPE OF GAUGE - RECORDING
LOCATION - LAT 49 39 27 N
LONG 93 44 53 W
DATA CONTRIBUTED BY -
OCEAN SCIENCE AND SURVEYS (DFO) (CANADA)

A - MANUAL GAUGE

E - ESTIMATED

NATURAL FLOW

DRAINAGE AREA,
0.26 km²

LAKE 382 OUTFLOW - STATION NO. 05QD025

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1988

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	0E	---	---	0	0.023	0.007	0.001	0.020	0	0	0	0	1
2	---	---	0A	0	0.022	0.006	0	0.017	0	0	0	0	2
3	---	---	---	0	0.021	0.005	0	0.015	0	0	0	0	3
4	---	---	---	0	0.021	0.003	0	0.013	0	0	0	0	4
5	---	---	---	0	0.021	0.002	0	0.012	0	0	0	0A	5
6	---	---	---	0	0.021	0.001	0.007	0.010	0	0	0	---	6
7	---	---	---	0	0.024	0	0.071	0.008	0	0	0	---	7
8	---	---	---	0	0.021	0	0.124	0.007	0	0	0	---	8
9	---	---	---	0	0.019	0	0.130	0.006	0	0	0	---	9
10	---	---	---	0	0.018	0	0.121	0.005	0	0	0	---	10
11	---	---	---	0	0.017	0	0.108	0.002	0	0	0	---	11
12	---	---	---	0.003	0.017	0	0.095	0.001	0	0	0	---	12
13	---	---	---	0.006	0.016	0	0.091	0.001	0	0	0	---	13
14	---	---	---	0.008	0.015	0.002	0.079	0.001	0	0	0	---	14
15	---	---	---	0.009	0.013	0.007	0.075	0.001	0	0	0	---	15
16	---	---	---	0.011	0.012	0.008	0.084	0	0	0	0	---	16
17	---	---	---	0.013	0.011	0.009	0.088	0	0	0	0	---	17
18	---	0A	---	0.015	0.011	0.009	0.087	0	0	0	0	---	18
19	0A	---	---	0.016	0.010	0.008	0.083	0	0	0	0	---	19
20	---	---	---	0.017	0.011	0.007	0.087	0	0	0	0	---	20
21	---	---	---	0.018	0.011	0.007	0.080	0	0	0	0	---	21
22	---	---	---	0.018	0.011	0.005	0.044	0	0	0	0	---	22
23	---	---	0A	0.018	0.009	0.004	0.038	0	0	0	0	---	23
24	---	---	0	0.018	0.008	0.003	0.037	0	0	0	0	---	24
25	---	---	0	0.020	0.008	0.002	0.031	0	0	0	0	---	25
26	---	---	0	0.021	0.007	0.002	0.028	0	0	0	0	---	26
27	---	---	0	0.021	0.006	0.001	0.023	0	0	0	0	---	27
28	---	---	0	0.022	0.007	0.004	0.021	0	0	0	0	---	28
29	---	---	0	0.022	0.006	0.002	0.026	0	0	0	0	---	29
30	---		0	0.022	0.008	0.001	0.025	0	0	0	0	---	30
31	---		0		0.008		0.022	0		0		0E	31
TOTAL	---	---	---	0.289	0.438	0.105	1.546	0.130	0	0	0	---	TOTAL
MEAN	---	---	---	0.010	0.014	0.004	0.050	0.004	0	0	0	---	MEAN
MAX	---	---	---	0.022	0.024	0.009	0.130	0.020	0	0	0	---	MAX
MIN	---	---	---	0	0.006	0	0	0	0	0	0	---	MIN

SUMMARY FOR THE MONTHS APR TO OCT

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 0.012
MAXIMUM DAILY, 0.130 ON JUL 9
MINIMUM DAILY, 0 ON APR 1
MAXIMUM INSTANTANEOUS,
0.133 ON JUL 9

DATA CONTRIBUTED BY -
OCEAN SCIENCE AND SURVEYS (DFO) (CANADA)

TYPE OF GAUGE - RECORDING
LOCATION - LAT 49 42 30 N
LONG 93 40 47 W
DRAINAGE AREA, 2.03 km²
A - MANUAL GAUGE

E - ESTIMATED
NATURAL FLOW

MONTHLY TOTAL DISCHARGE
IN CUBIC DECAMETRES

JAN	---	JUL	134
FEB	---	AUG	10.4
MAR	---	SEP	0
APR	25.8	OCT	0
MAY	37.8	NOV	0
JUN	9.07	DEC	---

TOTAL DISCHARGE, 217 dam³

LAKE 470 OUTLET NEAR KENORA - STATION NO. 05PD017

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1988

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	0	0	0	0	0.007	0.001	0	0	0	0	0	0.002	1
2	0	0	0	0	0.007	0.001	0	0	0	0	0	0.002	2
3	0	0	0	0	0.006	0.001	0	0	0	0	0	0.002	3
4	0	0	0	0	0.006	0.001	0	0	0	0	0	0.001	4
5	0	0	0	0	0.003	0	0	0	0	0	0	0.002	5
6	0	0	0	0	0.004	0	0	0	0	0	0	0.002	6
7	0	0	0	0.001	0.004	0	0.072	0	0	0	0	0.001	7
8	0	0	0	0.001	0.004	0	0.159	0	0	0	0	0.001	8
9	0	0	0	0.002	0.003	0	0.098	0	0	0	0	0.001	9
10	0	0	0	0.001	0.002	0	0.089	0	0	0	0	0.001	10
11	0	0	0	0.112	0.002	0	0.037	0	0	0	0.005	0.001	11
12	0	0	0	0.088	0.002	0	0.008	0	0	0	0.006	0.001	12
13	0	0	0	0.084	0.002	0	0.007	0	0	0	0.005	0.001	13
14	0	0	0	0.082	0.002	0.001	0.007	0	0	0	0.005	0.001	14
15	0	0	0	0.070	0.002	0.001	0	0	0	0	0.005	0.001	15
16	0	0	0	0.080	0.002	0.003	0	0	0	0	0.006	0.001	16
17	0	0	0	0.051	0.002	0.003	0	0	0	0	0.008	0.001	17
18	0	0	0	0.045	0.002	0.003	0	0	0	0	0.005	0.001	18
19	0	0	0	0.038	0.003	0.004	0	0	0	0	0.005	0.001	19
20	0	0	0	0.033	0.002	0	0	0	0	0	0.005	0.001	20
21	0	0	0	0.028	0.002	0	0	0	0	0	0.006	0.001	21
22	0	0	0	0.025	0.002	0	0	0.015	0	0	0.008	0.001	22
23	0	0	0	0.022	0.002	0	0	0.021	0	0	0.004	0.001	23
24	0	0	0	0.020	0.002	0	0	0.018	0	0	0.004	0.001	24
25	0	0	0	0.018	0.002	0	0	0.013	0	0	0.004	0.001	25
26	0	0	0	0.015	0.001	0	0	0.007	0	0	0.003	0.001	26
27	0	0	0	0.012	0.001	0	0	0.005	0	0	0.003	0.001	27
28	0	0	0	0.008	0.001	0	0	0.004	0	0	0.003	0.001	28
29	0	0	0	0.007	0.001	0	0	0.003	0	0	0.003	0.001	29
30	0		0	0.007	0.001	0	0	0	0	0	0.002	0.001	30
31	0		0		0.001		0	0		0.001		0.001	31
TOTAL	0	0	0	0.838	0.085	0.018	0.458	0.087	0	0.001	0.089	0.038	TOTAL
MEAN	0	0	0	0.031	0.003	0.001	0.015	0.003	0	0	0.003	0.001	MEAN
MAX	0	0	0	0.112	0.008	0.004	0.159	0.021	0	0.001	0.008	0.002	MAX
MIN	0	0	0	0	0.001	0	0	0	0	0	0	0.001	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 0.005
MAXIMUM DAILY, 0.159 ON JUL 8
MINIMUM DAILY, 0 ON JAN 1
MAXIMUM INSTANTANEOUS,
0.166 ON JUL 8

DATA CONTRIBUTED BY -
OCEAN SCIENCE AND SURVEYS (DFO) (CANADA)

SUMMARY FOR THE YEAR 1988

TYPE OF GAUGE - RECORDING
LOCATION - LAT 49 39 23 N
LONG 93 43 57 W
DRAINAGE AREA, 1.88 km²

NATURAL FLOW

MONTHLY TOTAL DISCHARGE
IN CUBIC DECAMETRES

JAN	0	JUL	38.4
FEB	0	AUG	7.52
MAR	0	SEP	0
APR	81.1	OCT	0.09
MAY	7.34	NOV	7.69
JUN	1.84	DEC	3.11

TOTAL DISCHARGE, 148 dam³

LAKE 691 OUTLET NEAR KENORA - STATION NO. 05PD026

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1988

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	0E	---	0E	0	0.005	0.001	0	0.001	0	0E	0	---	1
2	---	---	---	0	0.005	0.001	0	0.001	0	0A	---	---	2
3	---	---	---	0	0.004	0	0	0.001	0	0E	---	---	3
4	---	---	---	0	0.005	0	0	0.001	0	0E	---	---	4
5	---	---	---	0.001	0.005	0	0	0.001	0	0E	---	---	5
6	---	---	---	0.001	0.001	0	0.002	0.001	0	0E	---	0.001A	6
7	---	---	---	0.001	0.001	0	0.155	0.001	0	0E	---	---	7
8	---	---	---	0.003	0.002	0	0.140	0	0	0E	---	---	8
9	---	---	---	0.100	0.002	0	0.052	0	0	0E	---	---	9
10	---	---	---	0.083	0.002	0	0.022	0	0	0A	---	---	10
11	---	---	---	0.083	0.003	0	0.017	0	0	0	---	---	11
12	---	---	---	0.070	0.003	0	0.012	0	0	0	---	---	12
13	---	---	---	0.087	0.003	0	0.011	0	0	0	---	---	13
14	---	---	---	0.047	0.003	0.002	0.009	0	0	0	---	---	14
15	---	---	---	0.038	0.002	0.007	0.008	0	0	0	---	---	15
16	---	---	---	0.028	0.002	0.003	0.007	0	0	0	---	---	16
17	---	---	---	0.026	0.002	0.002	0.008	0	0	0	---	---	17
18	---	0A	---	0.022	0.002	0.001	0.005	0	0	0	---	---	18
19	0A	---	---	0.018	0.002	0.001	0.004	0	0.001	0	---	---	19
20	---	---	---	0.014	0.003	0.001	0.003	0	0	0	---	---	20
21	---	---	---	0.012	0.003	0.001	0.003	0	0	0	---	---	21
22	---	---	---	0.011	0.003	0.001	0.002	0	0	0	---	---	22
23	---	---	0A	0.010	0.002	0	0.002	0	0	0	---	---	23
24	---	---	0	0.008	0.002	0	0.002	0	0	0	---	---	24
25	---	---	0	0.008	0.001	0	0.001	0	0 E	0	---	---	25
26	---	---	0	0.008	0.001	0	0.001	0	0 E	0	---	---	26
27	---	---	0	0.007	0.001	0	0.001	0	0 E	0	---	---	27
28	---	---	0	0.007	0.001	0	0.001	0	0 E	0	---	---	28
29	---	---	0	0.007	0.002	0	0.001	0	0 E	0	---	---	29
30	---		0	0.006	0.001	0	0.001	0	0 E	0	---	---	30
31	---		0		0.001		0.001	0		0		0 E	31
TOTAL	---	---	---	0.883	0.076	0.021	0.488	0.007	0.001	0	---	---	TOTAL
MEAN	---	---	---	0.022	0.002	0.001	0.015	0	0	0	---	---	MEAN
MAX	---	---	---	0.100	0.005	0.007	0.155	0.001	0.001	0	---	---	MAX
MIN	---	---	---	0	0.001	0	0	0	0	0	---	---	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 0.008
MAXIMUM DAILY, 0.155 ON JUL 7
MINIMUM DAILY, 0 ON APR 1
MAXIMUM INSTANTANEOUS,
0.235 ON JUL 7

DATA CONTRIBUTED BY -
OCEAN SCIENCE AND SURVEYS (DFO) (CANADA)

SUMMARY FOR THE MONTHS APR TO OCT

TYPE OF GAUGE - RECORDING
LOCATION - LAT 49 39 30 N
LONG 93 44 33 W
DRAINAGE AREA, 1.35 km²
A - MANUAL GAUGE

E - ESTIMATED
NATURAL FLOW

MONTHLY TOTAL DISCHARGE
IN CUBIC DECAMETRES

JAN	---	JUL	40.5
FEB	---	AUG	0.80
MAR	---	SEP	0.09
APR	57.3	OCT	0
MAY	6.48	NOV	---
JUN	1.81	DEC	---

TOTAL DISCHARGE, 107 dam³

LAKE COUCHICHING OUTFLOW AT WASHAGO - STATION NO. 02EC017

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1988

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	54.7	42.1	48.7	11.8	7.38	16.0	12.2	12.0	14.8	21.7	20.7	34.7	1
2	43.4	33.8	47.2	11.8	7.35	16.8	12.7	12.0	14.8	21.5	19.1	38.0	2
3	36.7	28.1	46.7	12.0	7.28	16.8	13.3	12.1	15.0	21.4	18.7	37.8	3
4	36.5	37.6	46.7	10.7	7.21	16.6	13.8	12.1	15.2	21.4	20.0	38.3	4
5	34.9	43.0	46.7	8.24	7.14	16.5	13.7	12.9	15.4	21.3	20.2	38.6	5
6	38.1	42.8	46.4	8.43	7.07	16.5	13.8	12.8	15.6	21.1	20.3	38.3	6
7	42.0	42.8	31.4	8.30	7.09	16.8	13.7	12.2	16.7	21.8	20.5	36.0	7
8	43.7	42.8	20.8	8.04	7.11	16.4	13.8	11.8	21.4	21.7	20.5	33.5	8
9	43.5	47.1	20.8	8.02	7.13	16.5	13.6	11.8	22.3	21.5	20.6	34.2	9
10	43.2	51.0	20.8	8.00	8.52	16.6	13.8	12.4	21.7	21.2	21.5	33.7	10
11	43.0	48.6	21.1	7.98	7.25	16.6	13.9	12.0	21.1	21.0	21.8	33.2	11
12	43.0	52.6	21.6	8.44	7.73	16.8	12.7	12.7	20.4	19.5	22.2	26.4	12
13	42.6	54.1	22.0	8.48	8.41	16.5	12.8	12.9	20.1	19.3	22.6	23.4	13
14	41.8	54.1	19.6	8.48	8.39	16.4	13.8	13.1	20.3	20.5	23.0	23.2	14
15	42.3	54.0	17.4	8.51	8.38	16.4	13.4	13.3	19.3	21.0	20.5	22.6	15
16	42.2	54.2	17.4	8.49	8.34	15.6	13.0	18.8	18.4	21.4	21.3	21.5	16
17	42.1	54.2	17.5	8.45	8.26	14.7	12.8	19.0	18.6	21.8	23.2	21.8	17
18	42.0	53.6	17.3	8.43	8.55	15.2	12.2	18.2	18.7	22.3	21.8	21.7	18
19	42.0	53.6	17.2	8.38	8.78	15.7	12.1	17.7	19.8	20.2	21.1	19.2	19
20	42.0	53.6	17.1	8.48	9.01	16.1	12.1	17.1	22.8	20.0	20.1	18.9	20
21	42.4	53.8	17.0	8.21	9.00	14.7	12.1	16.8	21.3	20.8	30.4	18.6	21
22	42.0	53.6	17.0	8.14	8.97	15.3	12.1	16.0	19.6	21.1	30.8	18.4	22
23	42.1	53.6	17.1	8.10	8.86	15.2	12.1	16.2	21.0	21.6	31.2	18.7	23
24	42.3	53.6	17.0	8.06	8.84	15.0	12.1	16.2	20.3	22.0	31.1	18.8	24
25	42.4	53.8	13.0	8.02	8.86	14.6	12.1	16.0	19.7	21.7	31.1	19.0	25
26	42.4	52.7	8.81	8.08	8.65	14.6	12.1	15.8	18.8	20.4	31.1	19.1	26
27	42.3	52.7	10.5	7.75	12.3	14.4	12.1	15.7	19.7	20.8	31.1	19.3	27
28	42.3	52.7	10.8	7.73	14.7	14.5	12.0	15.6	17.7	23.1	33.3	18.7	28
29	41.4	49.7	11.2	7.48	15.3	13.7	12.1	15.3	20.3	22.2	35.6	18.6	29
30	41.8		11.1	7.43	15.6	11.7	12.1	14.8	21.6	21.3	36.9	18.3	30
31	41.8		11.1		16.8		12.0	14.6		20.5		18.3	31
TOTAL	1 301.8	1 420.3	707.11	258.39	285.11	467.9	396.9	447.5	577.9	657.1	748.4	793.9	TOTAL
MEAN	42.0	48.0	22.8	8.61	9.20	15.6	12.8	14.4	19.3	21.2	24.9	25.6	MEAN
MAX	54.7	54.2	47.2	12.0	16.8	16.8	13.9	19.0	22.8	23.1	36.9	38.3	MAX
MIN	34.9	28.1	8.81	7.42	7.07	11.7	12.0	11.8	14.8	19.3	18.7	18.3	MIN

SUMMARY FOR THE YEAR 1988

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 22.0
MAXIMUM DAILY, 54.7 ON JAN 1
MINIMUM DAILY, 7.07 ON MAY 6

TYPE OF GAUGE -
LOCATION - LAT N
LONG W
DRAINAGE AREA, 3 700 km²

REGULATED

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	112 000	JUL	34 200
FEB	123 000	AUG	38 700
MAR	61 100	SEP	49 800
APR	22 300	OCT	56 800
MAY	24 600	NOV	64 700
JUN	40 400	DEC	68 600

TOTAL DISCHARGE, 695 000 dam³

REMARKS - DATA IS SUMMATION OF FLOWS AT STATIONS 02EC004 AND 02EC016

LAKE ERIE AT BAR POINT - STATION NO. 02GH005

DAILY WATER LEVEL IN METRES FOR 1988

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	173.80	174.15	174.28	174.25	174.30	174.25	174.15	174.16	174.06	173.81	173.76	173.75	1
2	174.13	174.17	174.15	174.32	174.32	174.40	174.18	174.14	174.03	173.68	173.73	173.69	2
3	174.21	174.22	174.22	174.28	174.37	174.28	174.18	174.17	174.06	173.80	173.80	173.68	3
4	173.75	174.15	174.19	174.23	174.33	174.25	174.20	174.16	173.86	173.83	173.88	173.68	4
5	173.80	173.89	174.16	174.30	174.29	174.21	174.18	174.13	173.85	173.79	173.76	173.77	5
6	174.14	174.02	174.17	174.29	174.29	174.24	174.17	174.06	173.87	173.88	173.72	173.77	6
7	174.26	174.11	174.14	174.22	174.31	174.27	174.16	174.16	174.02	173.89	173.71	173.80	7
8	174.22	174.18	174.22	174.29	174.33	174.33	174.16	174.16	174.03	173.89	173.76	173.83	8
9	174.18	174.18	174.12	174.28	174.30	174.27	174.14	174.12	173.85	173.88	173.82	173.70	9
10	174.21	174.21	174.16	174.32	174.27	174.26	174.13	174.16	173.86	173.58	173.73	173.76	10
11	174.15	174.30	174.24	174.33	174.29	174.22	174.13	174.13	174.04	173.87	173.76	173.79	11
12	174.17	174.06	174.27	174.33	174.32	174.22	174.14	174.12	174.01	173.76	174.01	173.82	12
13	174.00	173.89	173.86	174.32	174.28	174.24	174.21	174.12	173.91	173.82	173.74	173.74	13
14	174.22	174.18	174.07	174.24	174.34	174.23	174.09	174.05	173.86	173.81	173.78	173.82	14
15	174.15	174.10	174.12	174.23	174.29	174.22	174.16	174.00	174.06	173.82	174.00	173.84	15
16	174.17	174.15	174.10	174.24	174.29	174.24	174.15	174.11	174.09	173.85	173.76	173.76	16
17	174.19	174.17	174.17	174.27	174.27	174.26	174.15	174.07	173.83	173.90	173.69	173.76	17
18	174.14	174.19	174.13	174.19	174.34	174.28	174.20	174.14	173.86	173.72	173.67	173.74	18
19	174.32	174.21	174.09	174.23	174.32	174.23	174.15	174.17	174.06	173.88	173.85	173.84	19
20	174.18	173.86	174.15	174.19	174.30	174.19	174.24	174.09	173.73	173.83	173.82	173.81	20
21	174.07	174.10	174.21	174.28	174.30	174.24	174.16	174.10	173.86	173.81	173.79	173.79	21
22	174.17	174.11	174.33	174.38	174.32	174.16	174.16	174.14	173.86	173.78	173.81	173.87	22
23	174.16	174.08	174.20	174.29	174.29	174.26	174.21	174.04	173.86	173.86	173.83	173.79	23
24	174.05	174.07	174.24	174.18	174.29	174.25	174.16	173.84	174.01	173.47	173.83	173.82	24
25	174.22	174.16	174.24	174.30	174.28	174.16	174.15	173.87	173.86	173.80	173.82	173.84	25
26	173.86	174.16	174.17	174.33	174.29	174.16	174.16	173.87	173.86	173.71	173.88	173.84	26
27	174.13	174.16	174.09	174.31	174.29	174.16	174.16	174.05	173.81	173.83	173.79	173.83	27
28	174.14	174.20	174.31	174.17	174.27	174.14	174.14	174.01	174.10	173.50	173.69	173.84	28
29	174.19	174.14	174.29	174.21	174.28	174.21	174.14	174.01	174.03	173.76	173.87	173.78	29
30	174.15		174.21	174.30	174.27	174.16	174.10	174.04	173.84	173.83	173.89	173.86	30
31	174.16		174.27		174.28		174.17	174.04		173.87		173.86	31
MEAN	174.13	174.13	174.18	174.27	174.30	174.24	174.16	174.09	173.86	173.80	173.82	173.77	MEAN
MAX	174.32	174.30	174.33	174.38	174.37	174.40	174.24	174.17	174.10	173.83	174.01	173.87	MAX
MIN	173.75	173.86	173.86	174.17	174.28	174.16	174.09	173.87	173.73	173.47	173.69	173.68	MIN

SUMMARY FOR THE YEAR 1988

WATER LEVELS IN METRES

MEAN, 174.07
MAXIMUM DAILY, 174.40 ON JUN 2
MINIMUM DAILY, 173.47 ON OCT 24
MAXIMUM INSTANTANEOUS,
174.81 AT 19:45 EST ON MAR 30

TYPE OF GAUGE - RECORDING
LOCATION - LAT 42 03 00 N
LONG 83 08 40 W
DATA CONTRIBUTED BY -
OCEAN SCIENCE AND SURVEYS (DFO) (CANADA)

WATER LEVELS ARE REFERRED TO INTERNATIONAL GREAT LAKES DATUM (1955)

REMARKS - DATA PUBLISHED AS RECEIVED. DATA PUBLISHED MONTHLY BY OCEAN SCIENCE AND SURVEYS AS STATION 12006 BAR POINT

LAKE ERIE AT ERIEAU - STATION NO. 02GF002

DAILY WATER LEVEL IN METRES FOR 1988

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	174.15	174.18	174.18	174.24	174.30	174.27	174.15	174.15	174.04	173.92	---	---	1
2	174.18	174.15	174.17	174.27	174.31	174.26	174.17	174.15	174.03	173.91	---	---	2
3	174.22	174.18	174.17	174.27	174.31	174.27	174.17	174.15	174.05	173.91	---	---	3
4	174.08	174.18	174.17	174.25	174.30	174.25	174.17	174.15	174.03	173.91	---	---	4
5	174.07	174.18	174.18	174.28	174.30	174.25	174.17	174.15	174.00	173.87	---	---	5
6	174.14	174.14	174.18	174.29	174.28	174.27	174.17	174.13	174.00	173.90	---	---	6
7	174.21	174.17	174.17	174.25	174.30	174.28	174.18	174.13	174.01	173.90	---	---	7
8	174.19	174.17	174.19	174.28	174.31	174.28	174.18	174.14	174.01	173.92	---	---	8
9	174.18	174.18	174.17	174.29	174.31	174.24	174.18	174.13	173.98	173.92	---	---	9
10	174.17	174.17	174.17	174.31	174.30	174.24	174.18	174.12	173.98	---	---	---	10
11	174.15	174.22	174.19	174.31	174.28	174.28	174.14	174.13	173.99	---	---	---	11
12	174.18	174.12	174.24	---	174.30	174.25	174.15	174.12	173.99	---	---	---	12
13	174.08	174.09	174.16	174.32	174.28	174.24	174.18	174.12	173.98	173.88	---	---	13
14	174.18	174.18	174.18	174.31	174.29	174.24	174.14	174.10	173.97	173.82	---	---	14
15	174.18	174.14	174.18	174.30	174.28	174.23	174.14	174.07	173.98	173.88	173.81	---	15
16	174.17	174.18	174.17	174.30	174.31	174.23	174.15	174.08	174.01	173.87	173.85	---	16
17	174.17	174.15	174.18	174.31	174.28	174.23	174.17	174.08	173.97	---	173.74	---	17
18	174.15	174.18	174.18	174.28	174.31	174.23	174.17	174.11	173.97	---	173.84	---	18
19	174.20	174.17	174.18	174.28	174.30	174.23	174.17	174.11	173.98	173.90	173.88	---	19
20	174.17	174.10	174.18	174.28	174.30	174.21	174.18	174.09	173.93	173.91	173.85	---	20
21	174.14	174.13	174.18	174.28	174.30	174.22	174.17	174.07	173.91	173.91	173.85	---	21
22	174.17	174.18	174.23	174.30	174.30	174.20	174.17	174.09	173.86	173.89	173.89	---	22
23	174.18	174.15	174.21	174.33	174.28	174.21	174.18	174.08	173.92	173.89	173.91	---	23
24	174.16	174.15	174.22	174.29	174.28	174.23	174.18	174.05	173.98	173.77	173.91	---	24
25	174.17	174.18	174.23	174.30	174.27	174.20	174.16	174.00	173.95	173.76	173.90	---	25
26	174.11	174.20	174.24	174.30	174.30	174.17	174.18	174.00	173.88	---	173.92	---	26
27	174.13	174.17	174.20	174.33	174.29	174.19	174.18	174.04	173.83	173.89	173.86	---	27
28	174.14	174.19	174.25	174.28	174.29	174.15	174.16	174.03	173.87	173.76	173.81	---	28
29	174.17	174.17	174.27	174.27	174.29	174.19	174.15	174.05	173.87	173.81	173.87	---	29
30	174.18		174.22	174.30	174.28	174.18	174.14	174.05	173.84	173.83	173.81	---	30
31	174.17		174.25		174.28		174.14	174.04		173.84		---	31
MEAN	174.15	174.15	174.20	---	174.30	174.23	174.16	174.09	173.98	---	---	---	MEAN
MAX	174.22	174.22	174.27	---	174.31	174.28	174.18	174.15	174.05	---	---	---	MAX
MIN	174.07	174.09	174.18	---	174.27	174.18	174.14	174.00	173.81	---	---	---	MIN

SUMMARY FOR THE YEAR 1988

WATER LEVELS IN METRES

MAXIMUM DAILY, 174.33 ON APR 23

MAXIMUM INSTANTANEOUS,
174.47 AT 8:32 EST ON APR 27

TYPE OF GAUGE - RECORDING
LOCATION - LAT 42 15 37 N
LONG 81 54 52 W
DATA CONTRIBUTED BY -
OCEAN SCIENCE AND SURVEYS (DFO) (CANADA)

WATER LEVELS ARE REFERRED TO INTERNATIONAL GREAT LAKES DATUM (1955)

REMARKS - DATA PUBLISHED AS RECEIVED. DATA PUBLISHED MONTHLY BY OCEAN SCIENCE AND SURVEYS AS STATION 13280 ERIEAU

LAKE ERIE AT KINGSVILLE - STATION NO. 02GH010

DAILY WATER LEVEL IN METRES FOR 1988

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	173.97	174.15	174.23	174.24	174.28	174.28	174.15	174.17	174.05	173.90	173.72	173.78	1
2	174.11	174.17	174.15	174.28	174.30	174.34	174.17	174.15	174.02	---	---	173.63	2
3	174.18	174.21	174.20	174.26	174.32	174.28	174.17	174.15	174.04	173.81	---	173.69	3
4	173.82	174.15	174.18	174.23	174.31	174.24	174.16	174.15	173.98	173.88	---	173.70	4
5	173.90	174.03	174.17	174.28	174.28	174.22	174.17	174.13	173.98	---	---	173.78	5
6	174.00	173.89	174.15	174.28	174.28	174.25	174.16	174.10	173.84	173.89	---	173.77	6
7	174.21	174.04	174.14	174.23	174.28	174.28	174.18	174.15	174.01	173.80	---	173.80	7
8	174.16	174.15	174.20	174.28	174.31	174.30	174.16	174.15	174.00	173.73	---	173.62	8
9	174.11	174.13	174.13	174.29	174.30	174.26	174.14	174.12	173.84	173.74	---	173.72	9
10	174.15	174.17	174.17	174.30	174.28	174.25	174.14	174.14	173.86	174.01	---	173.76	10
11	174.09	174.26	174.21	174.31	174.28	174.23	174.13	174.13	174.02	---	---	173.80	11
12	174.11	174.03	174.25	174.32	174.30	174.22	174.14	174.13	173.98	---	173.85	173.67	12
13	173.88	173.84	174.02	174.31	174.27	174.23	174.19	174.12	173.92	---	173.76	173.74	13
14	174.19	174.14	174.10	174.27	174.31	174.23	174.11	174.07	173.86	---	173.76	173.80	14
15	174.11	174.05	174.14	174.26	174.28	174.22	174.15	174.02	174.03	---	173.86	173.88	15
16	174.13	174.11	174.12	174.26	174.29	174.23	174.15	174.11	174.04	---	173.75	173.76	16
17	174.18	174.13	174.17	174.27	174.27	174.24	174.15	174.08	173.93	---	173.56	173.75	17
18	174.12	174.15	174.14	174.25	174.33	174.25	174.19	174.13	173.92	---	173.68	173.72	18
19	174.26	174.17	174.12	174.25	174.31	174.22	174.15	174.15	174.02	---	173.91	173.76	19
20	174.14	173.94	174.17	174.21	174.29	174.18	174.22	174.09	173.90	173.81	173.83	173.77	20
21	174.08	174.07	174.20	174.28	174.30	174.23	174.15	174.09	173.88	---	173.81	173.78	21
22	174.18	174.07	174.28	174.32	174.30	174.17	174.17	174.12	173.88	---	173.69	173.82	22
23	174.11	174.05	174.18	174.31	174.29	174.24	174.20	174.04	173.90	---	173.81	173.77	23
24	174.03	174.05	174.23	174.22	174.27	174.24	174.16	173.89	173.88	---	173.81	173.81	24
25	174.18	174.14	174.21	174.28	174.28	174.17	174.15	173.92	173.85	173.67	173.80	173.86	25
26	173.89	174.15	174.18	174.31	174.29	174.19	174.17	173.88	173.88	173.83	173.84	173.83	26
27	174.09	174.18	174.13	174.31	174.28	174.19	174.16	174.05	173.90	173.90	173.78	173.88	27
28	174.11	174.18	174.27	174.22	174.27	174.19	174.14	174.01	174.06	174.06	173.68	173.70	28
29	174.15	174.14	174.27	174.23	174.28	174.19	174.15	174.03	174.00	173.77	173.85	173.78	29
30	174.11		174.21	174.28	174.27	174.17	174.11	174.04	173.83	---	173.71	173.81	30
31	174.12		174.25		174.28		174.16	174.04		173.76		173.83	31
MEAN	174.10	174.11	174.18	174.27	174.29	174.23	174.16	174.09	173.97	---	---	173.77	MEAN
MAX	174.26	174.26	174.28	174.32	174.33	174.34	174.22	174.17	174.06	---	---	173.92	MAX
MIN	173.82	173.84	174.02	174.21	174.26	174.18	174.11	173.92	173.84	---	---	173.63	MIN

SUMMARY FOR THE YEAR 1988

WATER LEVELS IN METRES

MAXIMUM DAILY, 174.34 ON JUN 2
MINIMUM DAILY, 173.56 ON NOV 17
MAXIMUM INSTANTANEOUS,
174.78 AT 7:15 EST ON APR 27

TYPE OF GAUGE - RECORDING
LOCATION - LAT 42 01 36 N
LONG 82 44 05 W
DATA CONTRIBUTED BY -
OCEAN SCIENCE AND SURVEYS (DFO) (CANADA)

WATER LEVELS ARE REFERRED TO INTERNATIONAL GREAT LAKES DATUM (1955)

REMARKS - DATA PUBLISHED AS RECEIVED. DATA PUBLISHED MONTHLY BY OCEAN SCIENCE AND SURVEYS AS STATION 13065 KINGSVILLE

LAKE ERIE AT PORT COLBORNE - STATION NO. 02HA017

DAILY WATER LEVEL IN METRES FOR 1988

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	174.58	174.11	174.09	174.19	174.27	174.26	174.15	174.14	173.99	173.93	173.90	173.95	1
2	174.60	174.08	174.17	174.14	174.26	174.18	174.15	174.13	174.02	173.92	173.88	174.26	2
3	174.24	174.06	174.08	174.20	174.20	174.17	174.13	174.12	173.98	173.89	173.79	174.09	3
4	174.63	174.13	174.10	174.30	174.19	174.26	174.12	174.12	174.06	173.92	173.79	174.00	4
5	174.66	174.33	174.14	174.21	174.22	174.32	174.12	174.15	174.03	173.95	173.92	173.96	5
6	174.31	174.46	174.14	174.23	174.28	174.25	174.12	174.19	174.03	173.89	174.05	174.00	6
7	174.13	174.33	174.17	174.26	174.24	174.20	174.13	174.14	174.00	173.88	173.89	173.91	7
8	174.20	174.18	174.10	174.26	174.23	174.17	174.13	174.11	173.99	173.86	173.81	173.85	8
9	174.28	174.16	174.18	174.27	174.27	174.15	174.15	174.13	174.04	173.91	173.82	173.95	9
10	174.21	174.13	174.15	174.26	174.28	174.21	174.14	174.10	174.00	174.24	174.05	173.90	10
11	174.27	173.88	174.11	174.23	174.27	174.24	174.21	174.10	173.93	174.04	173.92	173.93	11
12	174.22	174.32	174.08	174.23	174.25	174.24	174.17	174.10	173.95	173.92	173.76	173.84	12
13	174.30	174.37	174.36	174.26	174.28	174.21	174.10	174.12	174.02	173.89	174.10	173.88	13
14	174.08	174.12	174.24	174.30	174.21	174.22	174.21	174.19	173.99	173.97	173.99	173.80	14
15	174.21	174.23	174.21	174.31	174.25	174.22	174.12	174.20	173.97	173.90	173.76	174.00	15
16	174.17	174.15	174.24	174.33	174.24	174.20	174.12	174.11	173.98	173.98	174.08	173.90	16
17	174.12	174.13	174.18	174.35	174.25	174.18	174.15	174.13	174.00	173.94	174.22	173.87	17
18	174.20	174.10	174.20	174.32	174.17	174.17	174.13	174.00	173.98	174.02	173.85	173.98	18
19	174.01	174.08	174.21	174.33	174.18	174.18	174.18	173.98	173.92	173.85	173.79	173.86	19
20	174.18	174.34	174.17	174.38	174.25	174.22	174.10	174.03	174.13	173.84	173.85	173.82	20
21	174.25	174.23	174.15	174.28	174.24	174.17	174.10	174.00	174.00	173.87	173.82	173.87	21
22	174.17	174.21	174.08	174.25	174.26	174.25	174.12	173.97	173.92	173.88	173.84	173.70	22
23	174.19	174.25	174.18	174.28	174.25	174.17	174.08	174.07	174.02	173.93	173.84	173.86	23
24	174.29	174.25	174.12	174.40	174.24	174.16	174.15	174.13	173.88	174.31	173.85	173.84	24
25	174.06	174.18	174.18	174.30	174.25	174.25	174.18	174.23	173.91	174.13	173.87	174.03	25
26	174.35	174.15	174.22	174.28	174.25	174.18	174.14	174.11	173.88	174.02	173.84	173.84	26
27	174.23	174.13	174.36	174.24	174.27	174.18	174.15	173.99	173.86	173.89	174.01	173.80	27
28	174.20	174.15	174.17	174.31	174.25	174.21	174.14	174.05	173.72	174.23	174.12	174.04	28
29	174.11	174.18	174.17	174.34	174.23	174.17	174.18	174.02	173.82	173.83	173.89	173.88	29
30	174.17		174.28	174.28	174.25	174.14	174.17	174.02	173.81	173.85	174.11	173.85	30
31	174.17		174.18		174.26		174.18	174.01		173.82		173.89	31
MEAN	174.24	174.18	174.17	174.28	174.24	174.20	174.14	174.08	173.98	173.95	173.93	173.93	MEAN
MAX	174.63	174.46	174.36	174.40	174.28	174.32	174.21	174.23	174.13	174.31	174.32	174.26	MAX
MIN	174.01	173.88	174.08	174.14	174.17	174.14	174.08	173.97	173.72	173.82	173.76	173.70	MIN

SUMMARY FOR THE YEAR 1988

WATER LEVELS IN METRES

MEAN, 174.11
MAXIMUM DAILY, 174.63 ON JAN 4
MINIMUM DAILY, 173.70 ON DEC 22
MAXIMUM INSTANTANEOUS,
175.27 AT 13:00 EST ON NOV 10

TYPE OF GAUGE - RECORDING
LOCATION - LAT 42 52 26 N
LONG 79 15 12 W
DATA CONTRIBUTED BY -
OCEAN SCIENCE AND SURVEYS (DFO) (CANADA)

WATER LEVELS ARE REFERRED TO INTERNATIONAL GREAT LAKES DATUM (1955)

REMARKS - DATA PUBLISHED AS RECEIVED. DATA PUBLISHED MONTHLY BY OCEAN SCIENCE AND SURVEYS AS STATION 12655 PORT COLBORNE

LAKE ERIE AT PORT DOVER - STATION NO. 02GC028

DAILY WATER LEVEL IN METRES FOR 1988

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	---	174.09	174.06	174.17	174.25	174.22	174.10	174.10	173.97	173.88	173.85	173.88	1
2	---	174.07	174.15	174.13	174.23	174.15	174.11	174.10	173.98	173.86	173.81	174.05	2
3	---	174.07	174.07	174.19	174.19	174.16	174.10	174.10	173.97	173.87	173.78	173.94	3
4	---	174.11	174.06	174.25	174.19	174.22	174.09	174.09	174.02	173.91	173.78	173.90	4
5	---	174.25	174.12	174.19	174.21	174.25	174.09	174.12	173.97	173.91	173.86	173.88	5
6	---	174.26	174.12	174.22	174.23	174.21	174.10	174.13	173.98	173.85	173.87	173.91	6
7	---	174.24	174.14	174.23	174.22	174.19	174.10	174.08	173.96	173.84	173.80	173.84	7
8	174.17	174.13	174.09	174.23	174.22	174.15	174.10	174.08	173.96	173.84	173.85	173.80	8
9	174.18	174.14	174.16	174.25	174.24	174.14	174.12	174.10	173.98	173.89	173.79	173.87	9
10	174.14	174.10	174.12	174.23	174.25	174.17	174.11	174.07	173.95	174.09	173.86	173.83	10
11	174.18	174.01	174.10	174.22	174.24	174.20	174.15	174.07	173.91	173.93	173.86	173.80	11
12	174.18	174.23	174.08	174.22	174.23	174.20	174.12	174.08	173.93	173.85	173.78	173.82	12
13	174.20	174.25	174.28	174.24	174.24	174.18	174.08	174.08	173.96	173.84	173.89	173.88	13
14	174.07	174.10	174.20	174.28	174.20	174.18	174.14	174.13	173.93	173.89	173.90	173.84	14
15	174.16	174.17	174.16	174.27	174.22	174.19	174.08	174.10	173.96	173.85	173.78	173.87	15
16	174.14	174.11	174.16	174.27	174.23	174.16	174.08	174.05	173.87	173.84	173.89	173.83	16
17	174.08	174.10	174.15	174.30	174.23	174.16	174.10	174.07	173.96	173.80	174.10	173.81	17
18	174.15	174.08	174.16	174.26	174.17	174.14	174.10	174.00	173.93	173.92	173.80	173.89	18
19	174.02	174.08	174.16	174.26	174.17	174.16	174.13	173.99	173.91	173.83	173.76	173.82	19
20	174.16	174.25	174.13	174.33	174.23	174.16	174.08	174.01	174.03	173.82	173.84	173.85	20
21	174.16	174.16	174.12	174.23	174.23	174.14	174.09	173.98	173.92	173.87	173.86	173.80	21
22	174.12	174.21	174.06	174.22	174.21	174.20	174.10	173.97	173.88	173.86	173.82	173.71	22
23	174.16	174.20	174.17	174.23	174.23	174.13	174.08	174.05	173.96	173.88	173.83	173.90	23
24	174.22	174.20	174.11	174.31	174.22	174.12	174.12	174.07	173.87	174.15	173.84	173.80	24
25	174.06	174.15	174.16	174.26	174.23	174.18	174.13	174.13	173.88	173.99	173.86	173.91	25
26	174.25	174.15	174.19	174.23	174.23	174.13	174.11	174.02	173.87	173.93	173.83	173.78	26
27	174.16	174.11	174.26	174.23	174.24	174.15	174.11	173.97	173.92	173.84	173.85	173.76	27
28	174.12	174.13	174.14	174.27	174.23	174.16	174.11	174.03	173.78	174.08	174.01	173.93	28
29	174.08	174.15	174.16	174.26	174.21	174.12	174.11	173.98	173.83	173.84	173.91	173.90	29
30	174.13		174.22	174.25	174.23	174.10	174.14	173.89	173.88	173.80	173.89	173.88	30
31	174.12		174.15		174.23		174.11	173.98		173.71		173.84	31
MEAN	---	174.15	174.15	174.24	174.22	174.17	174.11	174.06	173.93	173.89	173.87	173.86	MEAN
MAX	---	174.28	174.28	174.33	174.25	174.25	174.15	174.13	174.03	174.15	174.10	174.05	MAX
MIN	---	174.01	174.06	174.13	174.17	174.10	174.08	173.97	173.78	173.71	173.76	173.71	MIN

SUMMARY FOR THE YEAR 1988

WATER LEVELS IN METRES

MAXIMUM DAILY, 174.33 ON APR 20
MINIMUM DAILY, 173.71 ON OCT 31
MAXIMUM INSTANTANEOUS,
174.88 AT 8:26 EST ON JAN 13

TYPE OF GAUGE - RECORDING
LOCATION - LAT 42 48 51 N
LONG 80 13 08 W
DATA CONTRIBUTED BY -
OCEAN SCIENCE AND SURVEYS (DFO) (CANADA)

WATER LEVELS ARE REFERRED TO INTERNATIONAL GREAT LAKES DATUM (1955)

REMARKS - DATA PUBLISHED AS RECEIVED. DATA PUBLISHED MONTHLY BY OCEAN SCIENCE AND SURVEYS AS STATION 12710 PORT DOVER

LAKE ERIE AT PORT STANLEY - STATION NO. 02GC027

DAILY WATER LEVEL IN METRES FOR 1988

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	174.26	174.14	174.15	174.21	174.28	174.25	174.12	174.14	174.01	173.83	173.84	173.88	1
2	174.26	174.12	174.17	174.20	174.28	174.22	174.14	174.14	174.02	173.80	173.78	173.81	2
3	174.23	174.14	174.13	174.24	174.28	174.24	174.14	174.13	174.03	173.89	173.81	173.85	3
4	174.23	174.14	174.13	174.27	174.25	174.25	174.13	174.14	174.03	173.91	173.83	173.83	4
5	174.20	174.21	174.15	174.25	174.27	174.25	174.13	174.15	173.97	173.89	173.89	173.86	5
6	174.17	174.23	174.17	174.26	174.27	174.25	174.14	174.13	173.95	173.86	173.93	173.89	6
7	174.16	174.24	174.18	174.25	174.27	174.25	174.14	174.11	173.89	173.86	173.85	173.84	7
8	174.16	174.16	174.16	174.27	174.27	174.19	174.14	174.12	174.00	173.90	173.86	173.82	8
9	174.17	174.16	174.16	174.26	174.31	174.19	174.14	174.13	174.00	173.90	173.84	173.83	9
10	174.17	174.14	174.15	174.28	174.28	174.20	174.14	174.10	173.97	173.84	173.88	173.82	10
11	174.21	174.13	174.15	174.28	174.27	174.24	174.15	174.12	173.95	173.84	173.83	173.82	11
12	174.20	174.17	174.16	174.27	174.28	174.23	174.13	174.12	173.98	173.86	173.86	173.87	12
13	174.13	174.15	174.22	174.29	174.27	174.22	174.13	174.12	173.95	173.85	173.84	173.87	13
14	174.14	174.16	174.19	174.30	174.25	174.23	174.15	174.13	173.95	173.87	173.88	173.87	14
15	174.17	174.19	174.17	174.28	174.27	174.22	174.12	174.08	173.92	173.86	173.86	173.77	15
16	174.16	174.14	174.17	174.29	174.28	174.19	174.12	174.08	173.84	173.87	173.84	173.83	16
17	174.16	174.14	174.16	174.32	174.28	174.20	174.15	174.07	173.86	173.88	173.90	173.81	17
18	174.15	174.13	174.19	174.27	174.28	174.19	174.14	174.08	173.85	173.87	173.84	173.86	18
19	174.12	174.13	174.16	174.27	174.25	174.21	174.16	174.08	173.86	173.87	173.86	173.83	19
20	174.16	174.16	174.15	174.30	174.26	174.20	174.13	174.06	173.86	173.88	173.84	173.87	20
21	174.16	174.16	174.15	174.28	174.26	174.18	174.14	174.03	173.81	173.87	173.87	173.80	21
22	174.16	174.24	174.16	174.27	174.27	174.20	174.14	174.05	173.84	173.87	173.87	173.80	22
23	174.18	174.19	174.20	174.29	174.27	174.17	174.15	174.05	173.84	173.81	173.86	173.89	23
24	174.21	174.20	174.17	174.29	174.24	174.19	174.16	174.08	173.92	173.85	173.88	173.82	24
25	174.14	174.18	174.21	174.29	174.23	174.21	174.16	174.06	173.92	173.89	173.88	173.83	25
26	174.19	174.20	174.23	174.27	174.26	174.13	174.15	174.01	173.93	173.87	173.89	173.82	26
27	174.16	174.15	174.22	174.31	174.27	174.16	174.14	174.01	173.94	173.88	173.92	173.86	27
28	174.14	174.18	174.20	174.28	174.27	174.18	174.15	174.03	173.87	173.86	173.81	173.87	28
29	174.14	174.16	174.22	174.27	174.26	174.14	174.15	174.03	173.90	173.82	173.81	173.87	29
30	174.16		174.24	174.29	174.26	174.11	174.16	174.03	173.82	173.82	173.81	173.89	30
31	174.18		174.22		174.28		174.12	174.03		173.84		173.88	31
MEAN	174.17	174.17	174.18	174.27	174.27	174.20	174.14	174.08	173.88	173.86	173.87	173.85	MEAN
MAX	174.26	174.24	174.24	174.32	174.31	174.25	174.16	174.15	174.03	173.89	173.94	173.91	MAX
MIN	174.12	174.12	174.13	174.20	174.23	174.11	174.12	174.01	173.87	173.82	173.78	173.77	MIN

SUMMARY FOR THE YEAR 1988

WATER LEVELS IN METRES

MEAN, 174.09
MAXIMUM DAILY, 174.32 ON APR 17
MINIMUM DAILY, 173.77 ON DEC 15
MAXIMUM INSTANTANEOUS,
174.54 AT 17:30 EST ON APR 27

TYPE OF GAUGE - RECORDING
LOCATION - LAT 42 39 32 N
LONG 81 12 48 W
DATA CONTRIBUTED BY -
OCEAN SCIENCE AND SURVEYS (DFO) (CANADA)

WATER LEVELS ARE REFERRED TO INTERNATIONAL GREAT LAKES DATUM (1985)

REMARKS - DATA PUBLISHED AS RECEIVED. DATA PUBLISHED MONTHLY BY OCEAN SCIENCE AND SURVEYS AS STATION 12400 PORT STANLEY

LAKE HURON AT COLLINGWOOD - STATION NO. 02ED012

DAILY WATER LEVEL IN METRES FOR 1988

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	176.59	176.41	176.28	176.32	176.46	176.44	176.42	176.36	176.30	176.22	176.13	176.27	1
2	176.56	176.37	176.33	176.30	176.46	176.41	176.40	176.35	176.30	176.24	176.18	176.37	2
3	176.47	176.31	176.33	176.29	176.43	176.46	176.38	176.36	176.26	176.21	176.12	176.41	3
4	176.57	176.39	176.33	176.39	176.45	176.46	176.36	176.35	176.27	176.15	176.06	176.38	4
5	176.69	176.36	176.34	176.33	176.46	176.50	176.36	176.36	176.30	176.14	176.00	176.22	5
6	176.53	176.47	176.34	176.30	176.46	176.44	176.36	176.46	176.33	176.21	176.09	176.28	6
7	176.38	176.44	176.35	176.46	176.43	176.43	176.37	176.40	176.30	176.16	176.14	176.28	7
8	176.42	176.43	176.21	176.46	176.38	176.42	176.37	176.36	176.28	176.13	176.18	176.21	8
9	176.48	176.37	176.36	176.42	176.39	176.43	176.38	176.37	176.29	176.13	176.18	176.25	8
10	176.43	176.38	176.35	176.43	176.48	176.44	176.37	176.38	176.34	176.25	176.20	176.20	10
11	176.48	176.38	176.27	176.44	176.47	176.46	176.39	176.34	176.25	176.33	176.26	176.18	11
12	176.37	176.37	176.08	176.43	176.43	176.44	176.36	176.37	176.22	176.24	176.08	176.15	12
13	176.46	176.50	176.26	176.43	176.55	176.42	176.35	176.36	176.33	176.20	176.19	176.23	13
14	176.34	176.33	176.32	176.46	176.46	176.42	176.39	176.42	176.32	176.24	176.31	176.13	14
15	176.41	176.35	176.39	176.50	176.42	176.44	176.36	176.51	176.22	176.14	176.09	176.26	15
16	176.39	176.36	176.38	176.47	176.48	176.44	176.39	176.38	176.14	176.12	176.13	176.21	16
17	176.37	176.39	176.34	176.46	176.46	176.39	176.40	176.41	176.16	176.16	176.47	176.16	17
18	176.36	176.37	176.35	176.50	176.46	176.38	176.37	176.31	176.22	176.24	176.33	176.16	18
19	176.28	176.34	176.38	176.53	176.44	176.43	176.38	176.32	176.15	176.16	176.09	176.12	19
20	176.22	176.42	176.35	176.44	176.45	176.45	176.37	176.34	176.25	176.18	176.18	176.16	20
21	176.39	176.42	176.30	176.47	176.48	176.38	176.38	176.32	176.34	176.12	176.27	176.30	21
22	176.37	176.45	176.24	176.44	176.45	176.43	176.37	176.28	176.21	176.17	176.18	176.02	22
23	176.37	176.47	176.20	176.37	176.45	176.44	176.34	176.23	176.33	176.12	176.19	176.04	23
24	176.37	176.41	176.27	176.50	176.48	176.38	176.38	176.31	176.28	176.11	176.14	176.18	24
25	176.35	176.40	176.19	176.48	176.49	176.48	176.35	176.34	176.28	176.24	176.12	176.35	25
26	176.33	176.30	176.33	176.48	176.48	176.48	176.35	176.40	176.22	176.23	176.10	176.24	26
27	176.36	176.33	176.43	176.37	176.48	176.42	176.38	176.28	176.25	176.18	176.22	176.07	27
28	176.41	176.34	176.28	176.48	176.45	176.43	176.33	176.33	176.17	176.34	176.26	176.33	28
29	176.30	176.42	176.17	176.53	176.42	176.43	176.37	176.32	176.09	176.36	176.23	176.24	29
30	176.36		176.38	176.49	176.46	176.44	176.40	176.31	176.18	176.22	176.24	176.18	30
31	176.37		176.36		176.48		176.37	176.27		176.17		176.20	31
MEAN	176.41	176.36	176.30	176.43	176.45	176.43	176.37	176.35	176.25	176.20	176.18	176.22	MEAN
MAX	176.69	176.50	176.43	176.60	176.55	176.50	176.42	176.51	176.34	176.36	176.47	176.41	MAX
MIN	176.22	176.28	176.08	176.29	176.38	176.38	176.33	176.23	176.09	176.11	176.00	176.02	MIN

SUMMARY FOR THE YEAR 1988

WATER LEVELS IN METRES

MEAN, 176.33
MAXIMUM DAILY, 176.69 ON JAN 5
MINIMUM DAILY, 176.00 ON NOV 6
MAXIMUM INSTANTANEOUS,
176.78 AT 10:25 EST ON MAY 13

TYPE OF GAUGE - RECORDING
LOCATION - LAT 44 30 17 N
LONG 80 13 02 W
DATA CONTRIBUTED BY -
OCEAN SCIENCE AND SURVEYS (DFO) (CANADA)

WATER LEVELS ARE REFERRED TO INTERNATIONAL GREAT LAKES DATUM (1985)

REMARKS - DATA PUBLISHED AS RECEIVED. DATA PUBLISHED MONTHLY BY OCEAN SCIENCE AND SURVEYS AS STATION 11600 COLLINGWOOD

LAKE HURON AT GODERICH - STATION NO. 02FE012

DAILY WATER LEVEL IN METRES FOR 1988

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	176.61	176.47	176.35	176.39	176.52	176.51	176.46	176.39	176.33	176.27	176.17	176.31	1
2	176.57	176.45	176.37	176.38	176.50	176.48	176.46	176.39	176.33	176.31	176.20	176.32	2
3	176.46	176.41	176.41	176.36	176.49	176.50	176.48	176.40	176.31	176.29	176.13	176.40	3
4	176.58	176.47	176.36	176.43	176.50	176.49	176.42	176.39	176.35	176.26	176.10	176.34	4
5	176.70	176.48	176.37	176.40	176.51	176.53	176.43	176.39	176.37	176.33	176.08	176.27	5
6	176.63	176.51	176.35	176.44	176.51	176.52	176.42	176.48	176.37	176.30	176.05	176.25	6
7	176.45	176.41	176.40	176.54	176.47	176.51	176.43	176.43	176.38	176.28	176.18	176.31	7
8	176.48	176.47	176.28	176.47	176.44	176.47	176.43	176.40	176.31	176.23	176.21	176.27	8
9	176.49	176.42	176.37	176.48	176.48	176.49	176.43	176.41	176.33	176.20	176.20	176.32	9
10	176.44	176.48	176.39	176.47	176.52	176.48	176.43	176.41	176.36	176.31	176.26	176.29	10
11	176.48	176.42	176.38	176.50	176.52	176.48	176.45	176.38	176.35	176.42	176.29	176.27	11
12	176.34	176.51	176.28	176.48	176.47	176.48	176.44	176.41	176.24	176.32	176.14	176.18	12
13	176.53	176.58	176.31	176.47	176.54	176.47	176.39	176.36	176.35	176.27	176.18	176.25	13
14	176.41	176.37	176.40	176.51	176.50	176.47	176.45	176.42	176.35	176.27	176.29	176.17	14
15	176.39	176.43	176.42	176.54	176.47	176.48	176.38	176.50	176.28	176.20	176.15	176.31	15
16	176.35	176.40	176.45	176.51	176.56	176.48	176.41	176.41	176.22	176.15	176.08	176.37	16
17	176.42	176.42	176.40	176.51	176.53	176.45	176.46	176.43	176.25	176.22	176.37	176.26	17
18	176.44	176.40	176.41	176.58	176.52	176.48	176.43	176.40	176.28	176.27	176.33	176.22	18
19	176.39	176.38	176.44	176.58	176.51	176.45	176.44	176.38	176.20	176.22	176.16	176.15	19
20	176.28	176.47	176.43	176.48	176.51	176.48	176.44	176.38	176.30	176.19	176.24	176.12	20
21	176.48	176.43	176.38	176.50	176.51	176.48	176.42	176.37	176.37	176.16	176.39	176.29	21
22	176.42	176.39	176.30	176.48	176.51	176.46	176.44	176.32	176.26	176.21	176.22	176.11	22
23	176.42	176.47	176.25	176.47	176.51	176.47	176.42	176.31	176.33	176.17	176.21	176.04	23
24	176.42	176.45	176.33	176.53	176.54	176.43	176.42	176.36	176.31	176.20	176.17	176.22	24
25	176.44	176.42	176.25	176.48	176.52	176.47	176.42	176.41	176.30	176.29	176.15	176.29	25
26	176.41	176.37	176.37	176.50	176.52	176.51	176.42	176.45	176.28	176.28	176.15	176.29	26
27	176.44	176.40	176.47	176.47	176.50	176.48	176.42	176.37	176.27	176.15	176.18	176.08	27
28	176.47	176.36	176.36	176.52	176.50	176.47	176.40	176.39	176.26	176.27	176.31	176.31	28
29	176.32	176.48	176.28	176.56	176.48	176.48	176.42	176.37	176.17	176.35	176.23	176.29	29
30	176.37		176.42	176.53	176.49	176.47	176.43	176.38	176.23	176.24	176.26	176.20	30
31	176.36		176.41		176.50		176.42	176.32		176.17		176.23	31
MEAN	176.45	176.44	176.37	176.49	176.50	176.48	176.43	176.38	176.30	176.25	176.20	176.25	MEAN
MAX	176.70	176.58	176.47	176.59	176.56	176.53	176.46	176.50	176.37	176.42	176.37	176.40	MAX
MIN	176.28	176.36	176.25	176.36	176.44	176.43	176.38	176.31	176.17	176.15	176.05	176.04	MIN

SUMMARY FOR THE YEAR 1988

WATER LEVELS IN METRES

MEAN, 176.38
MAXIMUM DAILY, 176.70 ON JAN 5
MINIMUM DAILY, 176.04 ON DEC 23
MAXIMUM INSTANTANEOUS,
176.75 AT 8:45 EST ON JAN 13

TYPE OF GAUGE - RECORDING
LOCATION - LAT 43 44 45 N
LONG 81 43 44 W
DATA CONTRIBUTED BY -
OCEAN SCIENCE AND SURVEYS (DFO) (CANADA)

WATER LEVELS ARE REFERRED TO INTERNATIONAL GREAT LAKES DATUM (1955)

REMARKS - DATA PUBLISHED AS RECEIVED. DATA PUBLISHED MONTHLY BY OCEAN SCIENCE AND SURVEYS AS STATION 11880 GODERICH

LAKE HURON AT LITTLE CURRENT - STATION NO. 02CG002

DAILY WATER LEVEL IN METRES FOR 1988

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	176.45	176.27	---	176.19	176.35	176.34	176.29	176.27	176.20	176.13	176.00	176.11	1
2	176.50	176.21	176.19	176.20	176.33	176.29	176.31	176.23	176.19	176.08	175.98	176.28	2
3	176.42	176.22	176.21	176.20	176.32	176.33	176.28	176.27	176.14	176.08	176.02	176.17	3
4	176.43	176.21	176.19	176.28	176.33	176.36	176.27	176.25	176.09	176.07	175.95	176.20	4
5	176.46	176.23	176.23	176.24	176.35	176.36	176.28	176.26	176.11	176.00	175.93	176.14	5
6	176.38	176.27	176.24	176.21	176.33	176.36	176.27	176.25	176.21	176.09	175.89	176.18	6
7	176.30	176.31	176.22	176.29	176.30	176.31	176.26	176.26	176.20	176.06	176.04	176.12	7
8	176.31	176.26	176.19	176.27	176.30	176.26	176.29	176.26	176.20	176.03	176.08	176.08	8
9	176.29	176.23	176.21	176.27	176.33	176.31	176.29	176.26	176.18	176.03	176.09	176.10	9
10	176.33	176.22	176.22	176.29	176.36	176.36	176.28	176.27	176.20	176.13	176.03	176.08	10
11	176.37	176.18	176.17	176.30	176.36	176.37	176.30	176.26	176.11	176.08	176.13	176.02	11
12	176.30	176.14	176.08	176.30	176.32	176.36	176.28	176.26	176.13	176.02	176.08	176.16	12
13	176.19	176.25	176.10	176.31	176.47	176.33	176.27	176.27	176.15	176.07	176.12	176.14	13
14	176.26	176.26	176.18	176.33	176.35	176.34	176.26	176.37	176.15	176.12	176.18	176.08	14
15	176.32	176.19	176.20	176.29	176.33	176.37	176.26	176.35	176.09	176.03	176.06	176.01	15
16	176.32	176.26	176.21	176.36	176.33	176.32	176.30	176.28	176.06	176.06	176.15	176.12	16
17	176.27	176.26	176.22	176.37	176.32	176.29	176.26	176.26	176.10	176.07	176.36	176.02	17
18	176.21	176.26	176.22	176.40	176.33	176.31	176.27	176.18	176.10	176.06	176.19	176.06	18
19	176.21	176.24	176.23	176.38	176.33	176.36	176.28	176.21	176.06	176.04	176.06	176.06	19
20	176.18	176.21	176.18	176.31	176.33	176.38	176.27	176.22	176.19	176.06	176.06	176.11	20
21	176.18	176.27	176.20	176.34	176.35	176.31	176.24	176.20	176.18	176.06	176.10	176.11	21
22	176.27	176.34	176.17	176.31	176.34	176.32	176.28	176.19	176.12	176.03	176.08	176.09	22
23	176.28	176.27	176.18	176.24	176.34	176.32	176.24	176.17	176.18	176.03	176.10	176.08	23
24	176.23	176.27	176.17	176.34	176.33	176.29	176.25	176.21	176.15	176.02	176.07	176.08	24
25	176.20	176.24	176.18	176.39	176.37	176.37	176.26	176.27	176.18	176.11	176.09	176.18	25
26	176.18	176.25	176.23	176.36	176.38	176.33	176.24	176.30	176.10	176.12	176.06	176.09	26
27	176.27	176.18	176.25	176.26	176.36	176.33	176.25	176.21	176.12	176.12	176.15	176.08	27
28	176.25	176.26	176.20	176.32	176.34	176.32	176.23	176.23	176.03	176.26	176.12	176.12	28
29	176.28	---	176.14	176.35	176.32	176.30	176.29	176.20	176.03	176.21	176.13	176.11	29
30	176.32		176.24	176.36	176.36	176.26	176.31	176.18	176.10	176.07	176.13	176.08	30
31	176.33		176.23		176.36		176.26	176.16		176.10		176.03	31
MEAN	176.30	---	---	176.30	176.34	176.33	176.27	176.25	176.14	176.08	176.08	176.10	MEAN
MAX	176.50	---	---	176.40	176.47	176.38	176.31	176.37	176.21	176.26	176.36	176.26	MAX
MIN	176.18	---	---	176.18	176.30	176.26	176.23	176.16	176.03	176.00	175.93	175.89	MIN

SUMMARY FOR THE YEAR 1988

WATER LEVELS IN METRES

MAXIMUM DAILY, 176.50 ON JAN 2
MINIMUM DAILY, 175.93 ON NOV 5
MAXIMUM INSTANTANEOUS,
176.68 AT 17:43 EST ON JAN 1

TYPE OF GAUGE - RECORDING
LOCATION - LAT 45 50 53 N
LONG 81 55 41 W
DATA CONTRIBUTED BY -
OCEAN SCIENCE AND SURVEYS (DFO) (CANADA)

WATER LEVELS ARE REFERRED TO INTERNATIONAL GREAT LAKES DATUM (1955)

REMARKS - DATA PUBLISHED AS RECEIVED. DATA PUBLISHED MONTHLY BY OCEAN SCIENCE AND SURVEYS AS STATION 11185 LITTLE CURRENT

LAKE HURON AT PARRY SOUND - STATION NO. 02EA014

DAILY WATER LEVEL IN METRES FOR 1986

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	176.53	176.28	176.17	176.21	176.35	176.34	176.28	176.27	176.23	176.15	176.03	176.15	1
2	176.88	176.24	176.23	176.20	176.34	176.31	176.30	176.25	176.23	176.12	176.03	176.32	2
3	176.43	176.22	176.21	176.18	176.32	176.33	176.28	176.29	176.18	176.10	176.02	176.27	3
4	176.81	176.28	176.23	176.28	176.34	176.36	176.26	176.27	176.18	176.08	176.88	176.22	4
5	176.88	176.25	176.23	176.23	176.35	176.40	176.25	176.28	176.13	176.03	176.90	176.14	5
6	176.38	176.34	176.24	176.21	176.36	176.35	176.28	176.38	176.24	176.10	176.01	176.20	6
7	176.28	176.40	176.25	176.32	176.31	176.32	176.28	176.28	176.30	176.08	176.08	176.18	7
8	176.33	176.30	176.13	176.30	176.27	176.29	176.28	176.27	176.19	176.03	176.08	176.11	8
9	176.36	176.27	176.25	176.26	176.30	176.31	176.28	176.30	176.21	176.03	176.10	176.14	9
10	176.37	176.25	176.24	176.30	176.38	176.34	176.27	176.28	176.26	176.18	176.08	176.08	10
11	176.44	176.14	176.16	176.31	176.36	176.36	176.31	176.28	176.14	176.18	176.13	176.08	11
12	176.31	176.27	176.88	176.31	176.31	176.35	176.27	176.28	176.14	176.07	176.01	176.11	12
13	176.29	176.34	176.14	176.30	176.47	176.32	176.25	176.27	176.22	176.08	176.18	176.17	13
14	176.26	176.26	176.21	176.37	176.34	176.32	176.30	176.38	176.22	176.18	176.24	176.08	14
15	176.38	176.23	176.24	176.40	176.32	176.35	176.28	176.41	176.12	176.04	176.01	176.14	15
16	176.32	176.25	176.25	176.36	176.36	176.33	176.30	176.28	176.08	176.05	176.10	176.14	16
17	176.28	176.28	176.23	176.38	176.34	176.29	176.31	176.28	176.12	176.06	176.80	176.06	17
18	176.26	176.26	176.26	176.61	176.34	176.29	176.27	176.18	176.14	176.13	176.23	176.07	18
19	176.19	176.24	176.25	176.42	176.33	176.34	176.29	176.22	176.08	176.05	176.01	176.06	18
20	176.13	176.29	176.32	176.32	176.34	176.37	176.27	176.24	176.22	176.06	176.07	176.11	20
21	176.25	176.34	176.20	176.36	176.36	176.30	176.25	176.20	176.25	176.04	176.13	176.19	21
22	176.26	176.36	176.14	176.33	176.34	176.34	176.26	176.18	176.11	176.06	176.09	176.85	22
23	176.30	176.36	176.12	176.24	176.36	176.33	176.24	176.15	176.26	176.03	176.08	176.02	23
24	176.29	176.31	176.17	176.39	176.36	176.26	176.25	176.24	176.16	176.05	176.05	176.10	24
25	176.21	176.29	176.11	176.36	176.37	176.40	176.26	176.30	176.17	176.15	176.06	176.26	25
26	176.18	176.21	176.23	176.37	176.36	176.36	176.25	176.34	176.11	176.15	176.01	176.11	26
27	176.30	176.21	176.32	176.26	176.36	176.31	176.26	176.21	176.17	176.11	176.17	176.02	27
28	176.28	176.25	176.16	176.36	176.35	176.32	176.23	176.27	176.04	176.36	176.17	176.21	28
29	176.24	176.29	176.08	176.36	176.33	176.33	176.29	176.23	176.01	176.28	176.14	176.13	29
30	176.28		176.28	176.37	176.37	176.30	176.32	176.22	176.11	176.11	176.18	176.12	30
31	176.28		176.24		176.36		176.28	176.17		176.12		176.08	31
MEAN	176.33	176.28	176.20	176.32	176.35	176.33	176.27	176.27	176.18	176.10	176.08	176.13	MEAN
MAX	176.56	176.40	176.32	176.51	176.47	176.40	176.32	176.41	176.26	176.38	176.80	176.32	MAX
MIN	176.13	176.14	176.86	176.18	176.27	176.28	176.23	176.15	176.01	176.03	176.80	176.86	MIN

SUMMARY FOR THE YEAR 1986

WATER LEVELS IN METRES

MEAN, 176.24
MAXIMUM DAILY, 176.56 ON JAN 2
MINIMUM DAILY, 176.80 ON NOV 5
MAXIMUM INSTANTANEOUS,
176.76 AT 10:45 EST ON MAY 13

TYPE OF GAUGE - RECORDING
LOCATION - LAT 45 20 18 N
LONG 80 02 08 W
DATA CONTRIBUTED BY -
OCEAN SCIENCE AND SURVEYS (DFO) (CANADA)

WATER LEVELS ARE REFERRED TO INTERNATIONAL GREAT LAKES DATUM (1955)

REMARKS - DATA PUBLISHED AS RECEIVED. DATA PUBLISHED MONTHLY BY OCEAN SCIENCE AND SURVEYS AS STATION 11375 PARRY SOUND

LAKE HURON AT THESSALON - STATION NO. 02CA006

DAILY WATER LEVEL IN METRES FOR 1986

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	176.47	176.33	176.33	176.28	176.43	176.43	176.35	176.33	176.30	176.21	176.12	176.18	1
2	176.52	176.32	176.28	176.31	176.43	176.39	176.37	176.32	176.30	176.16	176.06	176.26	2
3	176.50	176.34	176.31	176.31	176.42	176.41	176.36	176.35	176.25	176.21	176.15	176.15	3
4	176.40	176.31	176.29	176.36	176.41	176.43	176.36	176.34	176.19	176.19	176.09	176.20	4
5	176.47	176.35	176.34	176.36	176.44	176.42	176.35	176.36	176.17	176.09	176.12	176.23	5
6	176.46	176.37	176.34	176.30	176.42	176.44	176.35	176.36	176.24	176.16	176.13	176.24	6
7	176.42	176.40	176.31	176.36	176.41	176.40	176.37	176.33	176.26	176.19	176.13	176.16	7
8	176.40	176.37	176.32	176.37	176.44	176.36	176.36	176.33	176.30	176.16	176.15	176.17	8
9	176.37	176.32	176.29	176.36	176.46	176.36	176.35	176.32	176.26	176.15	176.20	176.20	9
10	176.43	176.33	176.32	176.36	176.43	176.42	176.36	176.33	176.24	176.16	176.11	176.15	10
11	176.47	176.29	176.26	176.40	176.46	176.44	176.36	176.34	176.21	176.11	176.20	176.13	11
12	176.40	176.26	176.22	176.38	176.44	176.43	176.34	176.36	176.21	176.09	176.26	176.27	12
13	176.26	176.33	176.16	176.42	176.43	176.42	176.36	176.36	176.21	176.15	176.17	176.21	13
14	176.36	176.41	176.26	176.38	176.46	176.43	176.36	176.39	176.18	176.21	176.21	176.17	14
15	176.43	176.27	176.29	176.46	176.46	176.42	176.36	176.34	176.16	176.16	176.23	176.06	15
16	176.43	176.36	176.30	176.43	176.43	176.40	176.36	176.33	176.16	176.20	176.26	176.21	16
17	176.37	176.35	176.32	176.44	176.42	176.38	176.36	176.31	176.20	176.16	176.28	176.12	17
18	176.32	176.36	176.30	176.39	176.43	176.40	176.35	176.28	176.20	176.08	176.26	176.17	18
19	176.36	176.36	176.32	176.45	176.43	176.43	176.33	176.30	176.23	176.16	176.20	176.16	19
20	176.28	176.28	176.27	176.42	176.43	176.40	176.34	176.29	176.26	176.16	176.14	176.16	20
21	176.28	176.38	176.30	176.42	176.46	176.40	176.33	176.28	176.21	176.16	176.18	176.16	21
22	176.39	176.43	176.30	176.41	176.44	176.39	176.34	176.28	176.22	176.12	176.20	176.20	22
23	176.38	176.35	176.25	176.35	176.42	176.39	176.33	176.31	176.16	176.17	176.21	176.16	23
24	176.33	176.36	176.28	176.41	176.40	176.40	176.34	176.30	176.23	176.11	176.20	176.17	24
25	176.33	176.34	176.30	176.46	176.43	176.37	176.34	176.32	176.19	176.16	176.16	176.13	25
26	176.28	176.37	176.34	176.42	176.46	176.39	176.33	176.30	176.22	176.17	176.21	176.20	26
27	176.36	176.28	176.33	176.36	176.46	176.38	176.36	176.31	176.17	176.24	176.23	176.20	27
28	176.35	176.36	176.32	176.40	176.44	176.38	176.35	176.28	176.17	176.13	176.20	176.14	28
29	176.39	176.30	176.26	176.43	176.43	176.35	176.36	176.26	176.16	176.18	176.24	176.21	29
30	176.38		176.30	176.46	176.46	176.36	176.31	176.26	176.20	176.16	176.17	176.16	30
31	176.38		176.33		176.44		176.32	176.28		176.21		176.13	31
MEAN	176.38	176.34	176.30	176.38	176.43	176.40	176.35	176.32	176.22	176.18	176.18	176.18	MEAN
MAX	176.52	176.43	176.34	176.46	176.46	176.44	176.36	176.39	176.30	176.24	176.28	176.27	MAX
MIN	176.26	176.28	176.18	176.28	176.40	176.35	176.31	176.25	176.16	176.08	176.08	176.06	MIN

SUMMARY FOR THE YEAR 1986

WATER LEVELS IN METRES

MEAN, 176.30
MAXIMUM DAILY, 176.52 ON JAN 2
MINIMUM DAILY, 176.06 ON DEC 16
MAXIMUM INSTANTANEOUS,
176.93 AT 16:45 EST ON JAN 3

TYPE OF GAUGE - RECORDING
LOCATION - LAT 46 15 11 N
LONG 83 33 07 W
DATA CONTRIBUTED BY -
OCEAN SCIENCE AND SURVEYS (DFO) (CANADA)

WATER LEVELS ARE REFERRED TO INTERNATIONAL GREAT LAKES DATUM (1955)

REMARKS - DATA PUBLISHED AS RECEIVED. DATA PUBLISHED MONTHLY BY OCEAN SCIENCE AND SURVEYS AS STATION 11070 THESSALON

LAKE HURON AT TOBERMORY - STATION NO. 02FA003

DAILY WATER LEVEL IN METRES FOR 1988

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	176.53	176.34	176.26	176.27	176.42	176.41	176.34	176.31	176.26	176.19	176.11	176.21	1
2	176.55	176.30	176.26	176.27	176.41	176.37	176.35	176.31	176.27	176.17	176.08	176.29	2
3	176.48	176.29	176.27	176.27	176.39	176.39	176.33	176.32	176.23	176.16	176.08	176.28	3
4	176.50	176.31	176.27	176.36	176.40	176.41	176.32	176.31	176.22	176.16	176.03	176.25	4
5	176.58	176.33	176.29	176.33	176.41	176.43	176.31	176.33	176.21	176.11	176.02	176.21	5
6	176.48	176.36	176.30	176.33	176.41	176.41	176.31	176.39	176.25	176.15	176.05	176.24	6
7	176.38	176.41	176.29	176.41	176.39	176.39	176.32	176.33	176.25	176.14	176.11	176.22	7
8	176.40	176.37	176.23	176.39	176.37	176.36	176.33	176.32	176.24	176.10	176.14	176.19	8
9	176.41	176.33	176.29	176.37	176.39	176.36	176.33	176.33	176.25	176.09	176.14	176.22	9
10	176.41	176.31	176.29	176.36	176.44	176.39	176.33	176.32	176.25	176.19	176.14	176.17	10
11	176.46	176.24	176.22	176.38	176.43	176.41	176.35	176.31	176.18	176.17	176.18	176.14	11
12	176.37	176.30	176.10	176.38	176.40	176.40	176.32	176.33	176.19	176.11	176.12	176.19	12
13	176.34	176.36	176.19	176.39	176.48	176.39	176.31	176.32	176.23	176.13	176.16	176.22	13
14	176.33	176.33	176.25	176.42	176.42	176.39	176.35	176.36	176.23	176.17	176.23	176.16	14
15	176.38	176.29	176.28	176.45	176.41	176.41	176.33	176.41	176.16	176.10	176.12	176.15	15
16	176.38	176.32	176.28	176.42	176.43	176.36	176.35	176.32	176.13	176.10	176.14	176.21	16
17	176.36	176.33	176.29	176.45	176.40	176.35	176.35	176.32	176.17	176.13	176.36	176.14	17
18	176.32	176.33	176.32	176.50	176.41	176.35	176.33	176.26	176.18	176.15	176.28	176.15	18
19	176.28	176.31	176.31	176.47	176.40	176.38	176.34	176.27	176.15	176.11	176.11	176.13	19
20	176.23	176.32	176.27	176.40	176.41	176.41	176.33	176.28	176.24	176.12	176.13	176.16	20
21	176.31	176.37	176.26	176.42	176.42	176.37	176.31	176.25	176.25	176.13	176.18	176.22	21
22	176.35	176.42	176.22	176.38	176.41	176.38	176.31	176.24	176.19	176.12	176.14	176.08	22
23	176.37	176.38	176.22	176.34	176.41	176.38	176.30	176.23	176.23	176.11	176.15	176.08	23
24	176.34	176.36	176.24	176.43	176.42	176.36	176.30	176.27	176.21	176.11	176.13	176.17	24
25	176.31	176.33	176.22	176.42	176.43	176.42	176.31	176.32	176.20	176.18	176.12	176.24	25
26	176.26	176.30	176.30	176.42	176.45	176.41	176.30	176.33	176.17	176.18	176.11	176.18	26
27	176.35	176.26	176.37	176.35	176.43	176.36	176.31	176.26	176.19	176.16	176.18	176.12	27
28	176.36	176.31	176.28	176.41	176.41	176.37	176.29	176.26	176.12	176.27	176.21	176.23	28
29	176.32	176.32	176.21	176.45	176.40	176.36	176.33	176.27	176.09	176.27	176.20	176.21	29
30	176.34		176.34	176.43	176.42	176.35	176.34	176.25	176.18	176.18	176.20	176.18	30
31	176.35		176.31		176.42		176.31	176.22		176.18		176.15	31
MEAN	176.38	176.33	176.27	176.39	176.41	176.39	176.32	176.30	176.20	176.15	176.14	176.19	MEAN
MAX	176.55	176.42	176.37	176.50	176.48	176.43	176.35	176.41	176.27	176.27	176.28	176.29	MAX
MIN	176.23	176.24	176.10	176.27	176.37	176.35	176.29	176.22	176.09	176.09	176.02	176.08	MIN

SUMMARY FOR THE YEAR 1988

WATER LEVELS IN METRES

MEAN, 176.29
MAXIMUM DAILY, 176.55 ON JAN 5
MINIMUM DAILY, 176.02 ON NOV 5
MAXIMUM INSTANTANEOUS,
176.63 AT 5:25 EST ON JAN 5

TYPE OF GAUGE - RECORDING
LOCATION - LAT 45 15 31 N
LONG 81 38 57 W
DATA CONTRIBUTED BY -
OCEAN SCIENCE AND SURVEYS (DFO) (CANADA)

WATER LEVELS ARE REFERRED TO INTERNATIONAL GREAT LAKES DATUM (1955)

REMARKS - DATA PUBLISHED AS RECEIVED. DATA PUBLISHED MONTHLY BY OCEAN SCIENCE AND SURVEYS AS STATION 11690 TOBERMORY

LAKE NIPIGON AT MACDIARMID - STATION NO. 02AD007

DAILY WATER LEVEL IN METRES FOR 1988

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	259.450	259.310	259.210	259.140	259.180	259.430	259.640	259.630	260.110	260.310	260.280	260.320	1
2	259.430	259.310	259.210	259.140	259.180	259.440	259.650	259.650	260.140	260.310	260.200	260.310	2
3	259.440	259.310	259.200	259.150	259.200	259.440	259.650	259.650	260.150	260.320	260.210	260.350	3
4	259.460	259.300	259.190	259.140	259.200	259.440	259.640	259.660	260.170	260.330	260.230	260.320	4
5	259.440	259.290	259.180	259.140	259.220	259.460	259.660	259.900	260.170	260.320	260.250	260.320	5
6	259.420E	259.280	259.200	259.140	259.220	259.480	259.680	259.920	260.180	260.300	260.280	260.330	6
7	259.410	259.280	259.190	259.150	259.220	259.480	259.680	259.910	260.140	260.300	260.260	260.330	7
8	259.410	259.260	259.210	259.140	259.230	259.460	259.700	259.940	260.140	260.300	260.230	260.330	8
9	259.400	259.280	259.200	259.140	259.260	259.480	259.720	259.930	260.180	260.280	260.220	260.330	9
10	259.390	259.280	259.200	259.140	259.270	259.480	259.720	259.920	260.160	260.260	260.250	260.330	10
11	259.390	259.270	259.200	259.140	259.280	259.470	259.730	259.850	260.150	260.330	260.230	260.300	11
12	259.400	259.260	259.200	259.130E	259.280	259.480	259.720	259.950	260.210	260.300	260.220	260.300	12
13	259.380	259.250	259.190	259.140	259.330	259.470	259.730	259.970	260.200	260.270	260.240	260.320	13
14	259.370	259.270	259.190	259.150	259.300	259.500	259.750	260.020	260.220	260.260	260.250	260.330	14
15	259.380	259.260	259.180	259.150	259.340	259.520	259.760	260.010	260.200	260.270	260.220	260.320	15
16	259.370	259.250	259.170	259.140	259.380	259.520	259.760	260.030	260.200	260.300	260.280	260.310	16
17	259.360	259.240	259.170	259.150	259.340	259.510	259.770	260.040	260.210	260.320	260.340	260.310	17
18	259.370	259.230	259.180	259.150	259.340	259.510	259.780	260.030	260.220	260.310	260.300	260.300	18
19	259.380	259.240	259.150	259.150	259.350	259.530	259.780	260.030	260.220	260.300	260.300	260.310	19
20	259.380	259.220	259.150	259.150	259.370	259.540	259.780	260.040	260.310	260.260	260.330	260.320	20
21	259.380	259.220	259.140	259.140	259.380	259.540	259.780	260.030	260.290	260.300	260.300	260.310	21
22	259.360	259.230	259.140	259.150	259.380	259.560	259.780	260.010	260.280	260.280	260.300	260.290	22
23	259.360	259.220	259.150	259.150	259.380	259.560	259.780	260.020	260.300	260.280	260.310	260.310	23
24	259.380	259.220	259.150	259.150	259.380	259.560	259.800	260.060	260.280	260.300	260.300	260.310	24
25	259.350	259.210	259.140	259.160	259.380	259.620	259.810	260.110	260.310	260.290	260.310	260.320	25
26	259.340	259.210	259.150	259.170	259.400	259.610	259.800	260.100	260.290	260.280	260.330	260.320	26
27	259.330	259.200	259.150	259.170	259.400	259.620	259.800	260.100	260.310	260.260	260.360	260.320	27
28	259.330	259.210	259.150	259.170	259.410	259.630	259.810	260.110	260.300	260.330	260.330	260.320	28
29	259.330	259.200	259.140	259.170	259.420	259.640	259.830	260.110	260.300	260.290	260.330	260.310	29
30	259.340		259.140	259.160	259.430	259.640	259.850	260.100	260.300	260.270	260.350	260.320	30
31	259.330		259.140		259.430		259.820	260.100		260.250		260.310	31
MEAN	259.381	259.253	259.173	259.148	259.319	259.519	259.749	259.895	260.221	260.294	260.276	260.317	MEAN
MAX	259.480	259.310	259.210	259.180	259.430	259.640	259.850	260.110	260.310	260.360	260.360	260.350	MAX
MIN	259.330	259.200	259.140	259.130	259.180	259.430	259.640	259.630	260.110	260.250	260.200	260.290	MIN

SUMMARY FOR THE YEAR 1988

WATER LEVELS IN METRES

MEAN, 259.723
MAXIMUM DAILY, 260.360 ON OCT 10
MINIMUM DAILY, 259.130E ON APR 12

TYPE OF GAUGE - RECORDING
LOCATION - LAT 49 26 02 N
LONG 88 07 55 W
DATA CONTRIBUTED BY -
ONTARIO HYDRO

E - ESTIMATED

REGULATED

WATER LEVELS ARE REFERRED TO GEODETIC SURVEY OF CANADA DATUM

LAKE NIPISSING AT FRENCH RIVER OUTLET - STATION NO. 02DD021

DAILY WATER LEVEL IN METRES FOR 1988

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	5.056	4.808	4.669	4.631	5.847	5.828	5.744E	5.688E	5.888E	5.577E	5.704E	5.688E	1
2	5.048	4.818	4.657	4.667	5.858	5.818	5.728E	5.680E	5.884E	5.627E	5.701E	5.845E	2
3	5.038	4.805	4.649	4.726	5.859	5.826	5.726E	5.642E	5.897E	5.627E	5.689E	5.859E	3
4	5.030	4.817	4.638	4.780	5.856	5.823	5.724E	5.644E	5.891E	5.630E	5.678E	5.851E	4
5	5.018	4.806	4.632	4.864	5.858	5.835	5.718E	5.647E	5.894E	5.648E	5.680E	5.828E	5
6	5.011	4.801	4.622	4.944	5.861	5.833	5.719E	5.647E	5.882E	5.650E	5.678E	5.812E	6
7	4.992	4.808	4.611	5.018	5.847	5.826E	5.709E	5.652E	5.871E	5.649E	5.667E	5.800E	7
8	4.988	4.798	4.605	5.095	5.843	5.829E	5.708E	5.643E	5.888E	5.650E	5.685E	5.801E	8
9	4.971	4.798	4.607	5.175	5.836	5.822E	5.707E	5.652E	5.882E	5.651E	5.658E	5.582E	9
10	4.961	4.784	4.598	5.234	5.837	5.802E	5.712E	5.653E	5.851E	5.655E	5.660E	5.567E	10
11	4.953	4.785	4.584	5.283	5.851	5.801E	5.704E	5.641E	5.847E	5.670E	5.689E	5.558E	11
12	4.944	4.785	4.594	5.347	5.838	5.788E	5.710E	5.642E	5.828E	5.671E	5.697E	5.538E	12
13	4.935	4.780	4.594	5.400	5.835	5.785E	5.697E	5.642E	5.843E	5.658E	5.696E	5.521E	13
14	4.922	4.774	4.595	5.451	5.844	5.768E	5.685E	5.654E	5.841E	5.658E	5.708E	5.513E	14
15	4.906	4.778	4.579	5.578	5.858	5.777E	5.693E	5.689E	5.836E	5.658E	5.722E	5.503E	15
16	4.902	4.767	4.573	5.582	5.857	5.782E	5.691E	5.697E	5.827E	5.671E	5.709E	5.492E	16
17	4.892	4.764	4.562	5.588	5.854	5.780E	5.688E	5.697E	5.823E	5.680E	5.717E	5.483E	17
18	4.895	4.745	4.554	5.611	5.852	5.784E	5.688E	5.719E	5.809E	5.704E	5.730E	5.463E	18
19	4.886	4.734	4.553	5.631	5.841	5.749E	5.684E	5.705E	5.813E	5.730E	5.731E	5.457E	19
20	4.885	4.750	4.540	5.687	5.842	5.746E	5.694E	5.697E	5.818E	5.747E	5.727E	5.446E	20
21	4.873	4.736	4.538	5.692	5.838	5.746E	5.693E	5.707E	5.812E	5.751E	5.728E	5.432E	21
22	4.869	4.737	4.535	5.722	5.826	5.750E	5.691E	5.687E	5.804E	5.761E	5.714E	5.424E	22
23	4.863	4.731	4.524	5.752	5.827	5.770E	5.691E	5.686E	5.788E	5.755E	5.709E	5.421E	23
24	4.854	4.715	4.515	5.775	5.829	5.747E	5.687E	5.687E	5.794E	5.748E	5.706E	5.412E	24
25	4.848	4.705	4.522	5.782	5.825	5.747E	5.686E	5.687E	5.777E	5.747E	5.698E	5.398E	25
26	4.831	4.701	4.515	5.807	5.808	5.763E	5.693E	5.685E	5.782E	5.745E	5.680E	5.391E	26
27	4.823	4.688	4.524	5.814	5.807	5.752E	5.693E	5.684E	5.787E	5.744E	5.688E	5.384E	27
28	4.814	4.680	4.536	5.828	5.810	5.763E	5.687E	5.688E	5.782E	5.748E	5.689E	5.382E	28
29	4.808	4.678	4.547	5.845	5.818	5.737E	5.677E	5.684E	5.770E	5.734E	5.687E	5.368E	29
30	4.795		4.551	5.853	5.810	5.751E	5.673E	5.704E	5.768E	5.723E	5.674E	5.355E	30
31	4.785		4.587		5.828		5.678E	5.681E		5.708E		5.338E	31
MEAN	4.918	4.761	4.578	5.405	5.839	5.785	5.700	5.674	5.832	5.686	5.696	5.500	MEAN
MAX	5.056	4.818	4.669	5.853	5.864	5.835	5.744	5.719	5.897	5.781	5.731	5.685	MAX
MIN	4.785	4.678	4.515	4.631	5.807	5.737	5.673	5.641	5.768	5.577	5.658	5.335	MIN

SUMMARY FOR THE YEAR 1988

WATER LEVELS IN METRES

MEAN, 5.433
MAXIMUM DAILY, 5.884 ON MAY 17
MINIMUM DAILY, 4.515 ON MAR 24

TYPE OF GAUGE - MANUAL
LOCATION - LAT 46 07 33 N
LONG 80 00 42 W
DATA CONTRIBUTED BY -
DEPARTMENT OF PUBLIC WORKS (CANADA)

E - ESTIMATED

REGULATED

WATER LEVELS ARE REFERRED TO ASSUMED DATUM
APPLY 190.000 m ADJUSTMENT TO CONVERT TO FRENCH RIVER DATUM

LAKE NIPISSING AT NORTH BAY - STATION NO. 02DD006

DAILY WATER LEVEL IN METRES FOR 1988

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	5.144	4.888	4.741	4.896	5.922	5.881	5.791	5.730	5.748	5.604	5.724	5.728	1
2	5.131	4.881	4.732	4.731	5.925	5.879	5.784	5.718	5.732	5.629	5.738	5.745	2
3	5.118	4.887	4.726	4.786	5.930	5.883	5.790	5.735	5.715	5.638	5.728	5.738	3
4	5.109	4.887	4.711	4.856	5.932	5.892	5.784	5.718	5.718	5.611	5.708	5.710	4
5	5.097	4.880	4.707	4.933	5.933	5.901	5.781	5.725	5.741	5.648	5.670	5.672	5
6	5.083	4.850	4.684E	5.014	5.925	5.888	5.778	5.759	5.748	5.683	5.719	5.686	6
7	5.068	4.870	4.687E	5.112	5.917	5.886	5.780	5.723	5.727	5.663	5.717	5.652	7
8	5.055	4.872	4.678E	5.202	5.912	5.872	5.778	5.720	5.699	5.659	5.713	5.632	8
9	5.048	4.864	4.666E	5.270	5.913	5.871	5.778	5.726	5.699	5.673	5.707	5.622	9
10	5.037	4.855	4.653E	5.323	5.930	5.882	5.786	5.727	5.703	5.687	5.704	5.603	10
11	5.022	4.854	4.642E	5.373	5.920	5.878	5.781	5.721	5.857	5.734	5.738	5.588	11
12	5.005	4.850	4.631E	5.423	5.920	5.879	5.786	5.713	5.857	5.725	5.715	5.584	12
13	5.002	4.863	4.620E	5.470	5.977	5.886	5.773	5.714	3.878	5.709	5.749	5.550	13
14	4.986	4.847	4.859E	5.536	5.933	5.886	5.771	5.781	5.878	5.702	5.777	5.538	14
15	4.972	4.850	4.860	5.588	5.943	5.881	5.786	5.791	5.848	5.679	5.747	5.546	15
16	4.960	4.838	4.853	5.646	5.932	5.845	5.759	5.772	5.835	5.680	5.783	5.522	16
17	4.958	4.830	4.838	5.677	5.928	5.844	5.758	5.781	5.834	5.689	5.843	5.511	17
18	4.958	4.818	4.818E	5.707	5.929	5.845	5.758	5.767	5.834	5.736	5.785	5.501	18
19	4.952	4.808E	4.808E	5.721	5.913	5.844	5.758	5.771	5.814	5.755	5.738	5.481	19
20	4.948	4.807E	4.827	5.740	5.917	5.844	5.748	5.768	5.881	5.775	5.752	5.474	20
21	4.953	4.811E	4.818	5.778	5.917	5.821	5.748	5.759	5.847	5.788	5.775	5.468	21
22	4.930	4.808E	4.808	5.802	5.915	5.820	5.748	5.758	5.815	5.773	5.784	5.448	22
23	4.921	4.801E	4.804	5.815	5.907	5.824	5.743	5.724	5.685	5.782	5.782	5.440	23
24	4.914	4.790	4.801	5.851	5.891	5.806	5.748	5.738	5.828	5.778	5.742	5.438	24
25	4.913	4.784	4.862	5.868	5.880	5.863	5.747	5.778	5.828	5.798	5.730	5.431	25
26	4.910	4.773	4.868	5.887	5.867	5.837	5.752	5.787	5.880	5.787	5.709	5.417	26
27	4.888	4.770	4.888	5.878	5.884	5.838	5.754	5.778	5.801	5.788	5.751	5.408	27
28	4.880	4.751	4.906	5.887	5.883	5.824	5.745	5.782	5.878	5.850	5.727	5.407	28
29	4.871	4.753	4.907	5.888	5.881	5.841	5.758	5.788	5.880	5.819	5.723	5.391	29
30	4.863		4.932	5.918	5.894	5.805	5.760	5.788	5.801	5.773	5.728	5.375	30
31	4.871		4.981		5.892		5.733	5.745		5.787		5.388	31
MEAN	4.987	4.838	4.848	5.480	5.918	5.857	5.784	5.750	5.862	5.721	5.738	5.537	MEAN
MAX	5.144	4.891	4.741	5.918	5.977	5.901	5.784	5.787	5.748	5.850	5.843	5.745	MAX
MIN	4.863	4.751	4.582	4.896	5.880	5.805	5.733	5.713	5.678	5.604	5.670	5.388	MIN

SUMMARY FOR THE YEAR 1988

WATER LEVELS IN METRES

MEAN, 5.483
MAXIMUM DAILY, 5.977 ON MAY 13
MINIMUM DAILY, 4.582 ON MAR 28
MAXIMUM INSTANTANEOUS,
5.127 AT 10:26 EST ON MAY 13

TYPE OF GAUGE - RECORDING
LOCATION - LAT 46 18 40 N
LONG 79 26 25 W

E - ESTIMATED

NATURAL FLOW

WATER LEVELS ARE REFERRED TO ASSUMED DATUM
APPLY 180.000 m ADJUSTMENT TO CONVERT TO GEODETIC SURVEY OF CANADA DATUM

LAKE OF THE WOODS AT CLEARWATER BAY - STATION NO. 05PD011

DAILY WATER LEVEL IN METRES FOR 1988

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	322.477A	322.367	322.270	322.275	322.403	322.470	322.451	322.458	322.538	322.820	323.022	322.978	1
2	322.476A	322.380	322.286	322.270	322.408	322.485	322.455	322.453	322.536	322.851	323.065	322.880	2
3	322.468E	322.373	322.286	322.286	322.386	322.485	322.463	322.459	322.531	322.881	323.008	322.874	3
4	322.457A	322.369	322.283	322.270	322.359	322.457	322.443	322.428	322.529	322.843	322.969	322.883	4
5	322.451	322.371	322.285	322.277	322.363	322.466	322.435	322.449	322.579	323.005	322.828	322.887	5
6	322.450	322.368	322.285	322.283	322.380	322.472	322.461	322.462	322.629	323.018	322.889	322.884	6
7	322.448	322.361	322.280	322.275	322.427	322.486	322.529	322.462	322.700	323.014	323.001	322.888	7
8	322.439	322.359	322.268	322.282	322.379	322.447	322.520	322.412	322.641	323.012	323.014	322.890	8
9	322.446	322.350	322.270	322.301	322.329	322.438	322.493	322.464	322.628	323.018	322.978	322.868	9
10	322.435	322.352	322.268	322.306	322.370	322.465	322.464	322.491	322.644	322.930	322.851	322.888A	10
11	322.427	322.348	322.267	322.317	322.388	322.483	322.473	322.415	322.631	322.872	323.025	322.884A	11
12	322.418	322.341	322.260	322.327	322.380	322.423	322.506	322.417	322.633	323.033	323.018	322.887	12
13	322.423	322.338	322.267	322.329	322.382	322.411	322.501	322.406	322.684	323.069	322.978	322.881	13
14	322.426	322.326	322.263	322.338	322.438	322.384	322.484	322.421	322.697	323.029	322.980	322.876	14
15	322.420	322.332	322.262	322.347	322.398	322.421	322.492	322.443	322.727	323.032	322.984	322.884A	15
16	322.428	322.331	322.267	322.368	322.416	322.480	322.490	322.417	322.766	323.002	322.833	322.888	16
17	322.421	322.328	322.264	322.346	322.438	322.512	322.483	322.383	322.780	323.003	322.823	322.889	17
18	322.413	322.321	322.264	322.358	322.468	322.490	322.488	322.416	322.730	323.021	322.881	323.005	18
19	322.414	322.317	322.267	322.363	322.424	322.447	322.490	322.434	322.707	323.025	322.984	322.883	19
20	322.408	322.315	322.268	322.362	322.409	322.467	322.471	322.480	322.708	323.084	322.878	322.885	20
21	322.414	322.315	322.267	322.387	322.383	322.477	322.481	322.501	322.805	322.983	322.882	322.890	21
22	322.405	322.307	322.264	322.368	322.418	322.388	322.486	322.483	322.826	323.080	322.877	322.988	22
23	322.402	322.309	322.265	322.370	322.409	322.466	322.517	322.448	322.830	322.982	322.878	323.002	23
24	322.396	322.302	322.261	322.378	322.411	322.481	322.482	322.414	322.884	322.971	322.868	323.003	24
25	322.398	322.298	322.274	322.378	322.466	322.382	322.480	322.389	322.880	322.880	322.972	322.989	25
26	322.400	322.289	322.268	322.379	322.413	322.440	322.488	322.483	322.880	323.014	322.858	322.888A	26
27	322.383	322.290	322.283	322.379	322.423	322.467	322.482	322.421	322.861	322.982	322.824	322.887	27
28	322.391	322.284	322.269	322.384	322.435	322.448	322.474	322.448	322.838	322.949	322.869	323.003A	28
29	322.386	322.270	322.284	322.383	322.485	322.482	322.441	322.482	322.845	323.011	322.870	323.001A	29
30	322.374		322.276	322.388	322.468	322.447	322.448	322.529	322.895	323.051	322.871	322.889A	30
31	322.363		322.273		322.487		322.481	322.561		323.003		322.885	31
MEAN	322.422	322.332	322.269	322.334	322.411	322.481	322.478	322.447	322.727	322.887	322.873	322.890	MEAN
MAX	322.477	322.367	322.284	322.388	322.487	322.512	322.529	322.561	322.895	323.080	323.065	323.005	MAX
MIN	322.374	322.270	322.244	322.266	322.329	322.382	322.435	322.389	322.529	322.881	322.633	322.874	MIN

SUMMARY FOR THE YEAR 1988

WATER LEVELS IN METRES

MEAN, 322.589
MAXIMUM DAILY, 323.080 ON OCT 22
MINIMUM DAILY, 322.244 ON MAR 22
MAXIMUM INSTANTANEOUS,
323.129 AT 15:15 CST ON OCT 20

TYPE OF GAUGE - RECORDING
LOCATION - LAT 48 43 06 N
LONG 94 48 20 W

A - MANUAL GAUGE
E - ESTIMATED
REGULATED

WATER LEVELS ARE REFERRED TO LAKE OF THE WOODS DATUM
APPLY -000.177 m ADJUSTMENT TO CONVERT TO GEODETIC SURVEY OF CANADA DATUM (LOCAL 1969 ADJ.)

LAKE OF THE WOODS AT CYCLONE ISLAND - STATION NO. 05PD029

DAILY WATER LEVEL IN METRES FOR 1988

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	28.868	28.878A	28.789	28.783	28.884	28.952	28.948	28.959	29.047	29.441	29.521	29.476	1
2	28.867	28.873A	28.783	28.783	28.888	28.966	28.940	28.955	29.048	29.467	29.539	29.479	2
3	28.864	28.867	28.789	28.785	28.882	28.965	28.940	28.948	29.068	29.420	29.510	29.478	3
4	28.853	28.863	28.788	28.787	28.871	28.962	28.932	28.938	29.067	29.482	29.489	29.481	4
5	28.848	28.858	28.785	28.789	28.878	28.962	28.945	28.944	29.098	29.502	29.473	29.488A	5
6	28.848	28.856	28.784	28.773	28.894	28.961	28.990	28.948	29.122	29.511	29.483	29.487	6
7	28.843	28.852	28.787	28.777	28.904	28.958	29.013	28.931	29.165	29.515	29.500	29.487	7
8	28.839	28.851	28.784	28.787	28.888	28.965	29.016	28.923	29.131	29.524	29.495	29.487	8
9	28.836	28.842	28.784	28.782	28.882	28.943	28.998	28.937	29.117	29.523	29.477	29.484	9
10	28.836	28.841	28.782	28.786	28.882	28.939	28.978	28.932	29.144	29.475	29.470	29.482	10
11	28.829	28.837A	28.780	28.807	28.901	28.942	28.989	28.909	29.185	29.510	29.486	29.485A	11
12	28.824	28.834	28.786	28.819	28.883	28.923	29.002	28.917	29.167	29.538	29.482	29.481A	12
13	28.820	28.832	28.786	28.824	28.907	28.925	28.988	28.916	29.183	29.538	29.473	29.484A	13
14	28.821	28.826	28.782	28.829	28.918	28.918	28.980	28.921	29.200	29.536	29.468	29.480A	14
15	28.821	28.826	28.782	28.837	28.891	28.945	28.997	28.922	29.224	29.537	29.468	29.488A	15
16	28.825	28.822	28.784	28.845	28.909	28.959	28.997	28.916	29.242	29.521	29.396	29.488A	16
17	28.823	28.818	28.780	28.844	28.918	28.976	28.987	28.914	29.247	29.524	29.488	29.484	17
18	28.820	28.816	28.747	28.848	28.930	28.986	28.989	28.921	29.263	29.528	29.476	29.488	18
19	28.817	28.814	28.744	28.851	28.915	28.949	28.988	28.923	29.238	29.533	29.470	29.491	19
20	28.811	28.802	28.741	28.854	28.911	28.953	28.980	28.937	29.269	29.563	29.471	29.489	20
21	28.813	28.801	28.742	28.857	28.911	28.957	28.984	28.988	29.313	29.611	29.472	29.490	21
22	28.807	28.801	28.743	28.860	28.921	28.930	28.990	28.953	29.323	29.573	29.470	29.485	22
23	28.801	28.791	28.750	28.863	28.917	28.966	28.984	28.919	29.335	29.484	29.470	29.487	23
24	28.797	28.788	28.754	28.868	28.921	28.958	28.984	28.919	29.387	29.497	29.470	29.476	24
25	28.803	28.785	28.767	28.867	28.929	28.911	28.978	28.910	29.382	29.485	29.471	29.489	25
26	28.802	28.784	28.784	28.870	28.918	28.943	28.970	28.954	29.405	29.520	29.485	29.492	26
27	28.889	28.782	28.788	28.874	28.925	28.949	28.968	28.929	29.409	29.482	29.451	29.492	27
28	28.888	28.778	28.767	28.877	28.940	28.964	28.971	28.958	29.442	29.489	29.466	29.490	28
29	28.887	28.771	28.769	28.878	28.961	28.959	28.953	28.989	29.447	29.510	29.469	29.491	29
30	28.881		28.768	28.883	28.964	28.947	28.959	29.024	29.461	29.530	29.471	29.488	30
31	28.880		28.763		28.967		28.995	29.043		29.511		29.482	31
MEAN	28.821	28.824	28.757	28.827	28.910	28.951	28.977	28.941	29.238	29.509	29.477	29.485	MEAN
MAX	28.868	28.878	28.788	28.883	28.967	28.976	29.016	29.043	29.461	29.573	29.539	29.494	MAX
MIN	28.880	28.771	28.741	28.783	28.883	28.911	28.932	28.909	29.047	29.420	29.396	29.467	MIN

SUMMARY FOR THE YEAR 1988

WATER LEVELS IN METRES

MEAN, 29.089
MAXIMUM DAILY, 29.573 ON OCT 22
MINIMUM DAILY, 28.741 ON MAR 20
MAXIMUM INSTANTANEOUS,
29.595 AT 05:50 CST ON OCT 22

TYPE OF GAUGE - RECORDING
LOCATION - LAT 49 19 30 N
LONG 94 50 50 W

A - MANUAL GAUGE
REGULATED

WATER LEVELS ARE REFERRED TO ASSUMED DATUM

LAKE OF THE WOODS AT HANSON BAY - STATION NO. 05PD005

DAILY WATER LEVEL IN METRES FOR 1988

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	322.484	322.400	322.282	322.273	322.381	322.470	322.463	322.448	322.574	323.016	323.023	322.983	1
2	322.480	322.395	322.288	322.276	322.380	322.465	322.451	322.454	322.600	323.005	322.997	322.997	2
3	322.481	322.394	322.280	322.276	322.389	322.475	322.444	322.472	322.603	323.042	323.023	323.003	3
4	322.478	322.390	322.278	322.277	322.417	322.478	322.441	322.471	322.606	323.018	322.993	323.000	4
5	322.474	322.391	322.273	322.281	322.404	322.478	322.450	322.488	322.625	323.028	323.011	323.003	5
6	322.470	322.385	322.278	322.282	322.372	322.478	322.480	322.458	322.638	323.041	323.026	323.010	6
7	322.468	322.387	322.276	322.288	322.395	322.468	322.530	322.472	322.637	323.050	323.005	323.011	7
8	322.465	322.377	322.283	322.282	322.411	322.403	322.521	322.476	322.718	323.051	323.027	323.013	8
9	322.468	322.378	322.284	322.307	322.434	322.453	322.538	322.448	322.758	323.058	323.013	323.008	9
10	322.458E	322.388	322.283	322.311	322.433	322.452	322.535	322.442	322.663	323.102	323.026	323.008	10
11	322.452E	322.381	322.288	322.318	322.418	322.446	322.503	322.441	322.628	323.062	322.985	323.001	11
12	322.448E	322.358	322.287	322.330	322.405	322.458	322.484	322.430	322.741	323.032	322.983	323.009	12
13	322.450A	322.354	322.283	322.341	322.430	322.447	322.542	322.438	322.748	323.040	323.026	323.010	13
14	322.456	322.362	322.280	322.345	322.428	322.468	322.494	322.460	322.725	323.042	323.008	323.017	14
15	322.457	322.348	322.278	322.354	322.436	322.487	322.513	322.441	322.711	323.051	322.977	323.008	15
16	322.458	322.351	322.278	322.359	322.428	322.471	322.521	322.415	322.725	323.089	323.108	323.015	16
17	322.453	322.341	322.274	322.368	322.420	322.480	322.521	322.419	322.765	323.088	323.054	323.015	17
18	322.447	322.341	322.271	322.365	322.412	322.478	322.520	322.426	322.768	323.087	322.994	323.010	18
19	322.445	322.340	322.267	322.367	322.427	322.487	322.515	322.429	322.830	323.087	323.008	323.017	19
20	322.440	322.326	322.263	322.374	322.440	322.478	322.513	322.408	322.834	323.054	322.998	323.018	20
21	322.435	322.322	322.255	322.373	322.430	322.475	322.508	322.388	322.822	323.094	322.985	323.014	21
22	322.433	322.328	322.264	322.378	322.437	322.483	322.483	322.482	322.877	323.017	322.987	323.020	22
23	322.427	322.316	322.271	322.362	322.441	322.418	322.485	322.946	322.903	323.120	322.984	323.026	23
24	322.427	322.313	322.268	322.378	322.415	322.470	322.502	322.509	322.889	323.111	322.988	323.024	24
25	322.422	322.305	322.264	322.385	322.439	322.504	322.483	322.524	322.912	323.126	322.988	323.021	25
26	322.418	322.308	322.267	322.390	322.437	322.456	322.482	322.501	322.888	323.081	322.990	323.015	26
27	322.416	322.297	322.277	322.390	322.436	322.435	322.471	322.586	322.929	323.078	323.019	323.034	27
28	322.413	322.302	322.262	322.389	322.460	322.382	322.478	322.543	322.903	323.145	322.991	323.025	28
29	322.417	322.295	322.278	322.391	322.485	322.424	322.488	322.526	322.951	323.087	322.992	323.018	29
30	322.413		322.278	322.380	322.464	322.439	322.473	322.514	322.984	323.030	322.994	323.023	30
31	322.407		322.276		322.464		322.480	322.525		323.037		323.023	31
MEAN	322.447	322.348	322.276	322.341	322.427	322.480	322.494	322.487	322.788	323.081	323.007	323.013	MEAN
MAX	322.484	322.400	322.293	322.381	322.485	322.504	322.542	322.588	322.984	323.145	323.108	323.034	MAX
MIN	322.407	322.295	322.266	322.273	322.372	322.382	322.441	322.388	322.574	323.006	322.977	322.983	MIN

SUMMARY FOR THE YEAR 1988

WATER LEVELS IN METRES

MEAN, 322.693
MAXIMUM DAILY, 323.145 ON OCT 28
MINIMUM DAILY, 322.266 ON MAR 21
MAXIMUM INSTANTANEOUS,
323.243 AT 20:48 CST ON OCT 27

TYPE OF GAUGE - RECORDING
LOCATION - LAT 49 07 34 N
LONG 94 17 16 W

A - MANUAL GAUGE
E - ESTIMATED
REGULATED

WATER LEVELS ARE REFERRED TO LAKE OF THE WOODS DATUM
APPLY -000.177 m ADJUSTMENT TO CONVERT TO GEODETIC SURVEY OF CANADA DATUM (LOCAL 1983 ADJ.)

LAKE OF THE WOODS AT KEEWATIN - STATION NO. 05PE014

DAILY WATER LEVEL IN METRES FOR 1988

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	322.412	322.327	322.201	322.212	322.348	322.425	322.410	322.416	322.497	322.872	322.968	322.920	1
2	322.404	322.318	322.197	322.210	322.353	322.416	322.417	322.411	322.489	322.898	323.032	322.922	2
3	322.408	322.315	322.197	322.205	322.334	322.419	322.424	322.426	322.486	322.836	322.952	322.917	3
4	322.396	322.310	322.188	322.208	322.311	322.409	322.405	322.381	322.480	322.898	322.902	322.925	4
5	322.381	322.311	322.200	322.217	322.311	322.419	322.388	322.412	322.634	322.965	322.885	322.928	5
6	322.388	322.305	322.192	322.222	322.330	322.429	322.442	322.424	322.587	322.878	322.903	322.929	6
7	322.386	322.289	322.185	322.213	322.372	322.418	322.493	322.429	322.859	322.876	322.948	322.929	7
8	322.380	322.283	322.195	322.221	322.326	322.378	322.485	322.377	322.612	322.871	322.968	322.933	8
9	322.385	322.288	322.208	322.243	322.278	322.381	322.454	322.420	322.604	322.878	322.929	322.931	9
10	322.376	322.288	322.195	322.247	322.318	322.413	322.414	322.439	322.596	322.889	322.899	322.930	10
11	322.386	322.282	322.185	322.260	322.335	322.422	322.432	322.378	322.586	322.926	322.973	322.932	11
12	322.367	322.276	322.193	322.270	322.332	322.382	322.467	322.377	322.591	322.988	322.985	322.939	12
13	322.363	322.270	322.200	322.272	322.344	322.363A	322.476	322.363	322.646	323.018	322.921	322.933	13
14	322.363	322.280	322.198	322.278	322.391	322.376E	322.443	322.384	322.654	322.884	322.908	322.918	14
15	322.358	322.264	322.196	322.280	322.348	322.387E	322.449	322.408	322.684	322.890	322.890	322.937	15
16	322.364	322.284	322.200	322.302	322.371	322.408A	322.453	322.375	322.708	322.894	322.778	322.931	16
17	322.359	322.260	322.196	322.267	322.390	322.474	322.446	322.344	322.708	322.950	322.887	322.933	17
18	322.348	322.255	322.195	322.301	322.418	322.448	322.454	322.373	322.680	322.978	322.924	322.934	18
19	322.362	322.251	322.188	322.307	322.380	322.407	322.452	322.388	322.655	322.982	322.905	322.921	19
20	322.343	322.248	322.188	322.306	322.363	322.416	322.432	322.402	322.656	323.045	322.919	322.928	20
21	322.352	322.247	322.185	322.313	322.344	322.436	322.443	322.449	322.767	322.942	322.927	322.930	21
22	322.344	322.241	322.182	322.312	322.373	322.366	322.457	322.451	322.787	323.042	322.921	322.927	22
23	322.337	322.244	322.193	322.315	322.362	322.413	322.480	322.430	322.793	322.947	322.918	322.945	23
24	322.333	322.236	322.188	322.322	322.362	322.438	322.416	322.382	322.819	322.929	322.908	322.948	24
25	322.336	322.228	322.213	322.323	322.430	322.342	322.443	322.358	322.815	322.918	322.921	322.940	25
26	322.338	322.220	322.208	322.326	322.384	322.384	322.452	322.414	322.831	322.971	322.898	322.923	26
27	322.332	322.218	322.202	322.328	322.376	322.404	322.423	322.388	322.824	322.903	322.859	322.937	27
28	322.326	322.214	322.207	322.332	322.367	322.385	322.435	322.407	322.879	322.907	322.908	322.948	28
29	322.323	322.188	322.221	322.330	322.416	322.401	322.403	322.438	322.895	322.988	322.912	322.942	29
30	322.311		322.211	322.334	322.418	322.401	322.408	322.485	322.951	323.004	322.913	322.934	30
31	322.323		322.206		322.440		322.445	322.508		322.950		322.930	31
MEAN	322.360	322.267	322.197	322.277	322.382	322.406	322.440	322.408	322.661	322.954	322.917	322.931	MEAN
MAX	322.412	322.327	322.221	322.334	322.440	322.474	322.493	322.508	322.951	323.045	323.032	322.948	MAX
MIN	322.311	322.188	322.182	322.206	322.278	322.342	322.388	322.344	322.480	322.838	322.778	322.917	MIN

SUMMARY FOR THE YEAR 1988

WATER LEVELS IN METRES

MEAN, 322.618
MAXIMUM DAILY, 323.045 ON OCT 20
MINIMUM DAILY, 322.182 ON MAR 22
MAXIMUM INSTANTANEOUS,
323.082 AT 14:23 CST ON OCT 20

TYPE OF GAUGE - RECORDING
LOCATION - LAT 49 45 50 N
LONG 94 33 15 W

A - MANUAL GAUGE
E - ESTIMATED
REGULATED

WATER LEVELS ARE REFERRED TO LAKE OF THE WOODS DATUM
APPLY -000.177 m ADJUSTMENT TO CONVERT TO GEODETIC SURVEY OF CANADA DATUM (LOCAL 1983 ADJ.)

LAKE OF THE WOODS AT WARROAD - STATION NO. 05PD001

DAILY WATER LEVEL IN METRES FOR 1988

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	322.521	322.433	322.320	322.317	322.424	322.491	322.463	322.539	322.586	323.000	323.070	323.030	1
2	---	322.439	322.405	322.314	322.420	322.512	322.445	322.521	322.519	323.009	323.036	323.027	2
3	---	322.427	322.311	322.320	322.439	322.509	322.436	322.472	322.507	323.051	323.070	323.027	3
4	---	322.424	322.305	322.347	322.442	322.506	322.463	322.497	322.713	323.051	323.152	323.036	4
5	---	322.411	322.305	322.332	322.457	322.497	322.509	322.475	322.673	323.024	323.149	323.036	5
6	---	322.420	322.302	322.332	322.475	322.484	322.530	322.463	322.649	323.009	323.073	323.033	6
7	---	322.411	322.320	322.344	322.427	322.494	322.533	322.436	322.619	323.024	323.042	323.036	7
8	---	322.414	322.317	322.380	322.481	322.591	322.533	322.484	322.606	323.070	322.990	323.038	8
9	---	322.408	322.311	322.341	322.508	322.484	322.527	322.433	322.562	323.045	323.027	323.042	9
10	---	322.402	322.317	322.353	322.489	322.448	322.566	322.402	322.741	323.100	323.030	323.038	10
11	322.491	322.405	322.320	322.363	322.478	322.445	322.566	322.472	322.892	323.087	322.984	323.048	11
12	322.488	322.402	322.314	322.389	322.446	322.486	322.542	322.472	322.737	323.073	323.009	323.042	12
13	322.484	322.402	322.308	322.375	322.463	322.488	322.494	322.481	322.889	323.039	322.987	323.048	13
14	322.488	322.390	322.305	322.384	322.424	322.487	322.565	322.469	322.747	323.073	323.018	323.045	14
15	322.488	322.393	322.305	322.383	322.464	322.502	322.581	322.457	322.785	323.084	323.081	323.042	15
16	322.475	322.387	322.305	322.389	322.463	322.518	322.530	322.536	322.788	323.081	323.081	323.048	16
17	322.478	322.390	322.302	322.389	322.445	322.484	322.539	322.570	322.785	323.081	323.018	323.048	17
18	322.484	322.387	322.298	322.402	322.436	322.490	322.524	322.512	322.885	323.067	323.036	323.048	18
19	322.472	322.388	322.302	322.405	322.464	322.478	322.530	322.472	322.902	323.073	323.030	323.051	19
20	322.488	322.383	322.302	322.408	322.472	322.497	322.565	322.527	322.890	323.018	323.024	323.051	20
21	322.472	322.385	322.305	322.411	322.508	322.475	322.533	322.508	322.856	323.078	323.033	323.051	21
22	322.480	322.347	322.305	322.417	322.475	322.515	322.521	322.472	322.826	323.048	323.030	323.084	22
23	322.488	322.344	322.305	322.420	322.481	322.521	322.494	322.390	322.844	323.048	323.036	323.045	23
24	322.480	322.344	322.320	322.424	322.515	322.484	322.527	322.483	322.902	323.058	323.030	323.048	24
25	322.484	322.347	322.308	322.414	322.411	322.481	322.512	322.484	322.938	323.036	323.012	323.048	25
26	322.484	322.335	322.314	322.427	322.475	322.497	322.494	322.484	322.887	323.048	323.036	323.084	26
27	322.451	322.341	322.332	322.430	322.475	322.494	322.530	322.478	322.890	323.109	323.021	323.054	27
28	322.457	322.323	322.328	322.430	322.484	322.537	322.508	322.515	323.015	323.030	323.030	323.051	28
29	322.448	322.332	322.317	322.435	322.481	322.545	322.524	322.549	322.972	323.048	323.024	323.084	29
30	322.445		322.314	322.436	322.494	322.500	322.515	322.567	322.920	323.036	323.024	323.058	30
31	322.433		322.314		322.484		322.503	322.582		323.078		323.084	31
MEAN	---	322.384	322.314	322.383	322.463	322.496	322.517	322.490	322.782	323.054	323.040	323.048	MEAN
MAX	---	322.439	322.405	322.436	322.515	322.537	322.581	322.582	323.015	323.109	323.152	323.084	MAX
MIN	---	322.323	322.298	322.314	322.411	322.445	322.436	322.390	322.562	323.000	322.990	323.027	MIN

SUMMARY FOR THE YEAR 1988

WATER LEVELS IN METRES

INTERNATIONAL GAUGING STATION
TYPE OF GAUGE - RECORDING
LOCATION - LAT 48 54 20 N
LONG 95 19 00 W

MAXIMUM INSTANTANEOUS,
323.226 AT 19:30 CST ON NOV 4

REGULATED

WATER LEVELS ARE REFERRED TO LAKE OF THE WOODS DATUM

REMARKS - RUNOFF CONDITIONS OF THE WARROAD RIVER CAN AFFECT WATER LEVELS AT THIS STATION

LAKE OF THE WOODS EASTERN OUTLET AT KENORA POWERHOUSE - STATION NO. 05PE006

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1988

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	108	108	107	87.4	84.8	81.2	85.8	85.4	86.1	138	138	140	1
2	108	108	107	83.7	84.8	81.2	85.7	85.3	86.1	138	138	140	2
3	108	108	107	83.3	84.8	81.2	85.7	85.8	85.8	137	138	140	3
4	108	108	107	87.3	84.8	81.2	85.8	85.3	86.1	138	138	140	4
5	108	108	106	81.0	82.7	81.0	85.4	85.4	86.3	139	137	140	5
6	108	108	107	81.0	78.8	81.0	85.5	85.8	86.7	140	138	140	6
7	108	108	107	81.1	80.2	84.2	85.8	85.8	87.3	140	138	140	7
8	108	108	107	81.1	78.8	84.0	85.8	85.2	87.3	140	138	140	8
9	108	108	107	81.3	78.3	135	85.8	85.5	87.5	140	138	148	9
10	108	108	107	81.2	78.7	118	85.3	85.8	87.3	139	138	152	10
11	108	108	100	82.6	80.0	84.8	85.4	85.5	87.0	139	139	152	11
12	108	108	85.3	83.5	78.8	85.0	85.8	85.4	90.2	140	139	152	12
13	108	108	85.6	83.5	78.6	84.8	85.8	85.2	89.5	141	139	152	13
14	108	108	85.6	83.4	80.5	84.6	85.8	85.2	89.3	140	139	152	14
15	108	108	85.6	83.6	80.4	84.7	85.5	85.5	89.4	140	140	152	15
16	108	108	85.6	83.6	80.4	85.0	85.5	85.5	89.7	140	138	152	16
17	108	108	85.6	83.5	80.5	85.5	85.5	85.3	89.8	140	139	152	17
18	108	108	85.6	80.8	80.5	85.8	85.5	85.2	89.8	140	140	152	18
19	108	108	85.6	89.2	80.5	85.2	85.5	85.5	89.4	140	140	152	19
20	108	108	85.7	88.0	80.4	85.3	85.3	85.5	92.0	140	140	152	20
21	108	108	85.7	86.2	80.5	85.8	85.2	85.8	94.7	139	141	152	21
22	108	107	85.7	84.3	80.8	85.1	85.5	86.0	94.8	140	141	152	22
23	108	107	85.8	84.3	80.7	85.4	85.6	85.7	95.0	139	141	152	23
24	108	107	85.8	84.4	80.5	85.8	85.2	85.2	95.2	138	141	152	24
25	108	107	88.1	84.4	81.0	85.2	85.3	84.8	95.1	138	141	152	25
26	108	107	86.1	84.3	80.7	85.3	85.8	85.2	95.2	139	141	152	26
27	108	107	86.0	84.4	80.8	85.5	85.4	85.2	94.8	138	140	152	27
28	108	107	86.1	84.6	80.5	85.3	85.5	85.3	94.8	137	140	152	28
29	108	107	86.3	84.7	80.7	85.8	85.2	85.5	95.1	138	140	152	29
30	108		86.3	84.7	80.8	85.8	85.2	85.8	118	138	140	152	30
31	108		86.3		81.0		85.8	86.1		139		152	31
TOTAL	3 370	3 124	3 087.4	2 857.1	2 511.8	2 824.2	2 851.0	2 849.3	2 738.4	4 315	4 180	4 810	TOTAL
MEAN	108	108	99.6	88.6	81.0	87.5	85.5	85.5	91.2	139	139	148	MEAN
MAX	108	108	108	83.6	84.8	135	85.8	86.1	118	141	141	152	MAX
MIN	108	107	85.3	83.3	78.3	81.0	85.2	84.8	85.8	137	137	140	MIN

SUMMARY FOR THE YEAR 1988

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 105
MAXIMUM DAILY, 152 ON DEC 10
MINIMUM DAILY, 78.3 ON MAY 9

TYPE OF GAUGE - POWER PLANT
LOCATION - LAT 49 46 20 N
LONG 94 30 10 W

REGULATED SINCE 1907

MONTHLY TOTAL DISCHARGE
IN CUBIC DECAMETRES

JAN	291 000	JUL	228 000
FEB	270 000	AUG	228 000
MAR	267 000	SEP	236 000
APR	230 000	OCT	373 000
MAY	217 000	NOV	361 000
JUN	227 000	DEC	388 000

TOTAL DISCHARGE, 3 330 000 dam³

REMARKS - THIS STATION IS ONE OF FOUR OUTLETS FROM LAKE OF THE WOODS

LAKE OF THE WOODS OUTLET AT MINK CREEK - STATION NO. 05PE005

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1988

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	3.20	3.12	3.00	3.01	3.14	3.21	3.20	3.20	3.28	3.81	3.68	3.65	1
2	3.19	3.12	3.00	3.01	3.15	3.20	3.21	3.20	3.27	3.83	3.73	3.65	2
3	3.20	3.11	3.00	3.00	3.13	3.21	3.21	3.21	3.27	3.68	3.67	3.64	3
4	3.19	3.11	3.00	3.01	3.11	3.20	3.18	3.18	3.26	3.63	3.63	3.65	4
5	3.18	3.11	3.00	3.02	3.11	3.21	3.18	3.20	3.31	3.68	3.60	3.65	5
6	3.18	3.10	2.98	3.02	3.13	3.22	3.23	3.21	3.36	3.69	3.63	3.66	6
7	3.18	3.10	2.98	3.01	3.16	3.21	3.27	3.22	3.42	3.69	3.67	3.66	7
8	3.17	3.09	3.00	3.02	3.12	3.17	3.27	3.17	3.38	3.69	3.68	3.66	8
9	3.18	3.09	3.01	3.04	3.08	3.18	3.24	3.21	3.37	3.69	3.65	3.65	9
10	3.17	3.09	3.00	3.05	3.12	3.20	3.20	3.23	3.37	3.62	3.63	3.66	10
11	3.16	3.08	2.99	3.06	3.13	3.21	3.22	3.17	3.34	3.65	3.69	3.66	11
12	3.15	3.08	2.98	3.07	3.13	3.17	3.25	3.17	3.38	3.70	3.68	3.66	12
13	3.16	3.07	3.00	3.07	3.14	3.16A	3.28	3.18	3.41	3.72	3.66	3.66	13
14	3.15	3.08	3.00	3.08	3.15	3.17E	3.23	3.18	3.42	3.70	3.63	3.64	14
15	3.15	3.08	3.00	3.09	3.14	3.18E	3.23	3.20	3.45	3.70	3.62	3.66	15
16	3.15	3.08	3.00	3.10	3.15	3.20A	3.24	3.17	3.47	3.68	3.63	3.65	16
17	3.15	3.08	3.00	3.09	3.15	3.25	3.23	3.14	3.47	3.68	3.60	3.66	17
18	3.14	3.08	2.99	3.10	3.21	3.23	3.24	3.17	3.44	3.69	3.65	3.66	18
19	3.15	3.08	2.98	3.11	3.17	3.20	3.24	3.19	3.42	3.70	3.63	3.65	19
20	3.14	3.08	2.99	3.11	3.16	3.20	3.22	3.18	3.42	3.74	3.64	3.65	20
21	3.15	3.08	2.98	3.11	3.14	3.22	3.23	3.23	3.51	3.68	3.65	3.65	21
22	3.14	3.04	2.98	3.11	3.17	3.15	3.24	3.24	3.54	3.74	3.65	3.65	22
23	3.13	3.04	2.98	3.11	3.16	3.20	3.26	3.22	3.54	3.67	3.65	3.67	23
24	3.13	3.04	2.98	3.12	3.16	3.22	3.20	3.17	3.55	3.65	3.64	3.67	24
25	3.13	3.03	3.01	3.12	3.21	3.14	3.23	3.15	3.56	3.65	3.65	3.66	25
26	3.13	3.02	3.01	3.12	3.16	3.18	3.24	3.20	3.57	3.69	3.63	3.65	26
27	3.13	3.02	3.00	3.12	3.17	3.18	3.21	3.18	3.57	3.63	3.60	3.66	27
28	3.12	3.01	3.01	3.13	3.18	3.18	3.22	3.20	3.61	3.64	3.64	3.67	28
29	3.12	3.00	3.02	3.13	3.20	3.19	3.18	3.22	3.63	3.68	3.64	3.66	29
30	3.11		3.01	3.13	3.21	3.19	3.20	3.27	3.67	3.71	3.64	3.66	30
31	3.12		3.01		3.23		3.23	3.28		3.67		3.65	31
TOTAL	97.77	88.91	92.95	92.27	97.64	95.85	100.01	99.14	103.35	113.68	109.28	113.30	TOTAL
MEAN	3.15	3.07	3.00	3.08	3.15	3.20	3.23	3.20	3.44	3.67	3.64	3.65	MEAN
MAX	3.20	3.12	3.02	3.13	3.23	3.26	3.27	3.28	3.67	3.74	3.73	3.67	MAX
MIN	3.11	3.00	2.98	3.00	3.08	3.14	3.18	3.14	3.26	3.68	3.63	3.64	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 3.28
MAXIMUM DAILY, 3.74 ON OCT 20
MINIMUM DAILY, 2.98 ON MAR 7
MAXIMUM INSTANTANEOUS,
3.77 AT 14:23 CST ON OCT 20

SUMMARY FOR THE YEAR 1988

TYPE OF GAUGE - RECORDING
LOCATION - LAT 49 45 44 N
LONG 94 33 38 W

A - MANUAL GAUGE

E - ESTIMATED
REGULATED SINCE 1900

MONTHLY TOTAL DISCHARGE
IN CUBIC DECAMETRES

JAN	8 450	JUL	8 840
FEB	7 880	AUG	8 570
MAR	8 030	SEP	8 820
APR	7 970	OCT	9 840
MAY	8 480	NOV	9 440
JUN	8 280	DEC	9 780

TOTAL DISCHARGE, 104 000 dam³

REMARKS - THIS IS ONE OF FOUR OUTLETS FROM LAKE OF THE WOODS

LAKE OF THE WOODS WESTERN OUTLET AT NORMAN DAM AND POWERHOUSE - STATION NO. 05PE011

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1988

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	234	242	240	120	38.7	38.8	11.0	11.0	11.0	252	259	258	1
2	234	242	240	104	38.7	40.0	11.0	11.0	11.0	252	261	258	2
3	234	242	240	104	38.7	38.8	11.0	11.0	11.0	251	259	257	3
4	234	242	208	105	38.5	38.8	11.0	11.0	11.0	252	258	257	4
5	234	242	190	106	38.5	38.8	11.0	11.0	11.0	254	257	257	5
6	234	242	190	106	38.6	20.8	11.0	11.0	11.0	254	257	257	6
7	234	242	190	106	38.7	11.0	11.0	11.0	41.4	254	258	257	7
8	234	242	190	106	38.6	11.0	11.0	11.0	59.5	254	260	257	8
9	234	242	190	105	38.4	11.0	11.0	11.0	59.5	254	259	262	9
10	234	242	190	106	38.9	11.0	11.0	11.0	59.5	253	259	266	10
11	233	242	182	72.7	38.3	11.0	11.0	11.0	59.3	254	261	266	11
12	233	242	143	65.3	38.3	11.0	11.0	11.0	59.4	256	261	266	12
13	233	242	144	65.2	38.3	11.0	11.0	11.0	59.7	256	260	266	13
14	233	241	148	64.6	38.5	11.0	11.0	11.0	59.7	256	259	266	14
15	233	242	151	64.1	38.4	11.0	11.0	11.0	59.8	256	259	267	15
16	234	242	151	64.2	38.5	11.0	11.0	11.0	60.0	255	258	267	16
17	233	242	151	64.0	38.5	11.0	11.0	11.0	60.0	254	257	267	17
18	233	242	151	46.4	38.6	11.0	11.0	11.0	59.8	254	258	267	18
19	233	242	151	39.8	38.5	11.0	11.0	11.0	108	254	259	267	19
20	233	241	151	38.5	38.5	11.0	11.0	11.0	156	255	260	267	20
21	233	241	152	38.5	38.5	11.0	11.0	11.0	156	253	260	268	21
22	235	241	152	38.5	38.5	11.0	11.0	11.0	157	254	260	268	22
23	243	241	152	38.6	38.6	11.0	11.0	11.0	157	252	260	268	23
24	245	241	152	38.6	38.6	11.0	11.0	11.0	157	251	260	268	24
25	242	241	152	38.6	38.7	11.0	11.0	11.0	157	251	259	268	25
26	242	241	152	38.6	38.6	11.0	11.0	11.0	207	252	259	267	26
27	242	241	152	38.6	38.6	11.0	11.0	11.0	247	255	257	267	27
28	242	240	152	38.6	38.6	11.0	11.0	11.0	248	257	258	267	28
29	242	240	152	38.7	38.7	11.0	11.0	11.0	248	258	258	267	29
30	241		153	38.7	38.7	11.0	11.0	11.0	261	260	258	267	30
31	241		153		38.6		11.0	11.0		259		267	31
TOTAL	7 319	7 005	5 244	1 979.8	1 213.7	484.0	341.0	341.0	3 011.8	7 883	7 788	8 194	TOTAL
MEAN	236	242	169	66.0	39.2	16.1	11.0	11.0	100	254	259	264	MEAN
MAX	245	242	240	120	39.6	40.0	11.0	11.0	261	260	261	268	MAX
MIN	233	240	143	38.5	38.3	11.0	11.0	11.0	11.0	251	258	257	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 139
MAXIMUM DAILY, 268 ON DEC 21
MINIMUM DAILY, 11.0 ON JUN 7

SUMMARY FOR THE YEAR 1988

TYPE OF GAUGE - RECORDING
LOCATION - LAT 49 46 15 N
LONG 94 31 25 W

REGULATED

MONTHLY TOTAL DISCHARGE
IN CUBIC DECAMETRES

JAN	632 000	JUL	28 500
FEB	605 000	AUG	28 500
MAR	453 000	SEP	260 000
APR	171 000	OCT	681 000
MAY	105 000	NOV	671 000
JUN	41 800	DEC	708 000

TOTAL DISCHARGE, 4 390 000 dam³

REMARKS - THIS STATION IS ONE OF FOUR OUTLETS FROM LAKE OF THE WOODS

LAKE ONTARIO AT BURLINGTON - STATION NO. 02HB017

DAILY WATER LEVEL IN METRES FOR 1988

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	74.39	74.48	74.54	74.59	74.78	74.87	74.79	74.78	74.67	74.54	74.48	74.44	1
2	74.43	74.49	74.52	74.60	74.78	74.88	74.80	74.77	74.67	74.54	74.38	74.35	2
3	74.48	74.52	74.53	74.63	74.78	74.88	74.81	74.77	74.67	74.54	74.44	74.37	3
4	74.37	74.50	74.51	74.63	74.77	74.86	74.81	74.76	74.65	74.53	74.47	74.38	4
5	74.29	74.49	74.51	74.66	74.77	74.83	74.81	74.77	74.63	74.52	74.49	74.45	5
6	74.41	74.43	74.51	74.65	74.77	74.87	74.80	74.75	74.64	74.54	74.47	74.40	6
7	74.48	74.45	74.49	74.67	74.77	74.82	74.80	74.73	74.62	74.55	74.48	74.40	7
8	74.45	74.49	74.52	74.67	74.78	74.82	74.79	74.74	74.63	74.54	74.47	74.42	8
9	74.41	74.50	74.49	74.67	74.81	74.88	74.79	---	74.62	74.54	74.48	74.38	9
10	74.43	74.49	74.50	74.69	74.79	74.85	74.78	74.72	74.59	74.50	74.45	74.41	10
11	74.42	74.50	74.52	74.69	74.78	74.84	74.77	74.73	74.59	74.46	74.45	74.39	11
12	74.45	74.47	74.50	74.69	74.81	74.84	74.77	74.74	74.61	74.47	74.50	74.41	12
13	74.37	74.43	74.49	74.71	74.78	74.85	74.78	74.72	74.57	74.48	74.43	74.40	13
14	74.45	74.51	74.50	74.69	74.81	74.84	74.75	74.71	74.58	74.48	74.46	74.41	14
15	74.43	74.48	74.48	74.68	74.82	74.85	74.78	74.67	74.58	74.47	74.48	74.28	15
16	74.44	74.50	74.47	74.67	74.82	74.83	74.73	74.69	74.58	74.49	74.47	74.38	16
17	74.45	74.52	74.48	74.68	74.82	74.85	74.78	74.68	74.58	74.48	74.40	74.38	17
18	74.44	74.53	74.50	74.66	74.83	74.85	74.80	74.70	74.58	74.43	74.45	74.36	18
19	74.48	74.56	74.50	74.67	74.84	74.84	74.79	74.71	74.60	74.47	74.49	74.38	19
20	74.47	74.48	74.47	74.69	74.86	74.82	74.80	74.70	74.57	74.48	74.45	74.35	20
21	74.44	74.47	74.48	74.68	74.87	74.83	74.80	74.69	74.64	74.48	74.45	74.32	21
22	74.48	74.48	74.51	74.68	74.87	74.80	74.81	74.70	74.58	74.39	74.48	74.38	22
23	74.49	74.50	74.48	74.74	74.86	74.83	74.81	74.71	74.65	74.47	74.48	74.33	23
24	74.47	74.51	74.52	74.65	74.87	74.85	74.81	74.68	74.65	74.45	74.49	74.35	24
25	74.48	74.51	74.52	74.69	74.88	74.83	74.81	74.68	74.68	74.43	74.49	74.26	25
26	74.48	74.56	74.54	74.71	74.87	74.81	74.80	74.68	74.65	74.45	74.51	74.32	26
27	74.47	74.53	74.50	74.71	74.88	74.82	74.80	74.68	74.65	74.46	74.46	74.38	27
28	74.44	74.53	74.55	74.73	74.88	74.83	74.80	74.68	74.65	74.41	74.44	74.28	28
29	74.50	74.49	74.57	74.72	74.89	74.81	74.78	74.68	74.61	74.41	74.45	74.32	29
30	74.47		74.58	74.74	74.87	74.78	74.77	74.67	74.64	74.43	74.44	74.34	30
31	74.48		74.59		74.87		74.77	74.67		74.47		74.34	31
MEAN	74.44	74.50	74.52	74.68	74.82	74.85	74.79	---	74.69	74.48	74.48	74.37	MEAN
MAX	74.50	74.80	74.80	74.74	74.89	74.82	74.81	---	74.67	74.55	74.51	74.45	MAX
MIN	74.29	74.43	74.47	74.69	74.78	74.79	74.73	---	74.61	74.39	74.38	74.28	MIN

SUMMARY FOR THE YEAR 1988

WATER LEVELS IN METRES

MAXIMUM DAILY, 74.82 ON JUN 7
MINIMUM DAILY, 74.28 ON DEC 28
MAXIMUM INSTANTANEOUS,
75.00 AT 21:45 EST ON JUN 1

TYPE OF GAUGE - RECORDING
LOCATION - LAT 43 17 59 N
LONG 79 47 34 W
DATA CONTRIBUTED BY -
OCEAN SCIENCE AND SURVEYS (DFO) (CANADA)

WATER LEVELS ARE REFERRED TO INTERNATIONAL GREAT LAKES DATUM (1985)

REMARKS - DATA PUBLISHED AS RECEIVED. DATA PUBLISHED MONTHLY BY OCEAN SCIENCE AND SURVEYS AS STATION 13150 BURLINGTON

LAKE ONTARIO AT COBOURG - STATION NO. 02HD015

DAILY WATER LEVEL IN METRES FOR 1988

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	74.38	74.43	74.47	74.53	74.89	74.81	74.75	74.72	74.62	74.49	74.42	74.38	1
2	74.38	74.45	74.47	74.54	74.89	74.82	74.75	74.71	74.62	74.49	74.38	74.37	2
3	74.40	74.48	74.47	74.55	74.89	74.82	74.75	74.72	74.62	74.49	74.38	74.35	3
4	74.39	74.45	74.47	74.58	74.70	74.81	74.75	74.72	74.64	74.50	74.39	74.34	4
5	74.33	74.48	74.48	74.58	74.70	74.79	74.75	74.72	74.60	74.49	74.41	74.37	5
6	74.34	74.43	74.45	74.61	74.71	74.78	74.75	74.71	74.57	74.48	74.43	74.38	6
7	74.38	74.44	74.44	74.61	74.71	74.80	74.74	74.68	74.56	74.47	74.41	74.37	7
8	74.42	74.42	74.48	74.61	74.72	74.81	74.73	74.68	74.56	74.48	74.41	74.37	8
9	74.39	74.45	74.47	74.62	74.73	74.81	74.73	74.68	74.57	74.48	74.40	74.35	9
10	74.38	74.44	74.44	74.62	74.73	74.80	74.72	74.70	74.56	74.48	74.40	74.38	10
11	74.38	74.48	74.45	74.62	74.73	74.78	74.72	74.69	74.55	74.42	74.40	74.35	11
12	74.39	74.49	74.45	74.63	74.73	74.78	74.73	74.68	74.54	74.41	74.41	74.38	12
13	74.38	74.42	74.47	74.63	74.75	74.78	74.72	74.69	74.55	74.40	74.48	74.35	13
14	74.38	74.44	74.45	74.64	74.74	74.78	74.73	74.68	74.53	74.41	74.42	74.35	14
15	74.39	74.48	74.44	74.63	74.78	74.79	74.72	74.66	74.52	74.42	74.42	74.28	15
16	74.38	74.48	74.43	74.62	74.75	74.78	74.73	74.64	74.53	74.44	74.45	74.30	16
17	74.40	74.47	74.44	74.63	74.78	74.78	74.73	74.68	74.68	74.43	74.38	74.31	17
18	74.41	74.47	74.45	74.61	74.77	74.77	74.75	74.67	74.65	74.43	74.38	74.31	18
19	74.38	74.48	74.44	74.61	74.78	74.77	74.75	74.68	74.65	74.42	74.41	74.32	19
20	74.44	74.48	74.42	74.62	74.78	74.77	74.75	74.67	74.65	74.43	74.44	74.32	20
21	74.41	74.44	74.43	74.63	74.80	74.77	74.76	74.66	74.60	74.45	74.42	74.28	21
22	74.44	74.45	74.43	74.63	74.80	74.77	74.75	74.65	74.68	74.46	74.42	74.30	22
23	74.46	74.46	74.46	74.66	74.80	74.77	74.75	74.68	74.60	74.42	74.43	74.32	23
24	74.44	74.47	74.44	74.64	74.81	74.78	74.75	74.67	74.60	74.43	74.43	74.31	24
25	74.41	74.47	74.48	74.64	74.81	74.76	74.74	74.65	74.60	74.39	74.42	74.27	25
26	74.41	74.48	74.47	74.64	74.81	74.77	74.74	74.62	74.61	74.39	74.44	74.25	26
27	74.43	74.50	74.48	74.66	74.81	74.76	74.73	74.61	74.60	74.40	74.42	74.28	27
28	74.41	74.50	74.47	74.67	74.82	74.76	74.74	74.61	74.61	74.39	74.41	74.28	28
29	74.43	74.47	74.51	74.66	74.82	74.76	74.73	74.63	74.62	74.37	74.39	74.29	29
30	74.44		74.52	74.69	74.82	74.74	74.73	74.62	74.60	74.37	74.38	74.30	30
31	74.45		74.53		74.81		74.72	74.62		74.38		74.26	31
MEAN	74.40	74.46	74.46	74.62	74.78	74.79	74.74	74.67	74.65	74.44	74.41	74.33	MEAN
MAX	74.46	74.50	74.52	74.69	74.82	74.82	74.76	74.72	74.64	74.50	74.48	74.38	MAX
MIN	74.33	74.42	74.42	74.53	74.69	74.74	74.72	74.61	74.49	74.37	74.38	74.26	MIN

SUMMARY FOR THE YEAR 1988

WATER LEVELS IN METRES

MEAN, 74.55
MAXIMUM DAILY, 74.82 ON MAY 28
MINIMUM DAILY, 74.26 ON DEC 26
MAXIMUM INSTANTANEOUS,
74.85 AT 13:15 EST ON JUN 22

TYPE OF GAUGE - RECORDING
LOCATION - LAT 43 57 28 N
LONG 78 08 54 W
DATA CONTRIBUTED BY -
OCEAN SCIENCE AND SURVEYS (DFO) (CANADA)

WATER LEVELS ARE REFERRED TO INTERNATIONAL GREAT LAKES DATUM (1985)

REMARKS - DATA PUBLISHED AS RECEIVED. DATA PUBLISHED MONTHLY BY OCEAN SCIENCE AND SURVEYS AS STATION 13680 COBOURG

LAKE ONTARIO AT KINGSTON - STATION NO. 02HN003

DAILY WATER LEVEL IN METRES FOR 1988

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	74.43	74.39	74.41	74.47	74.63	74.78	74.72	74.69	74.56	74.44	74.37	74.36	1
2	74.40	74.37	74.43	74.48	74.62	74.78	74.73	74.69	74.57	74.44	74.36	74.41	2
3	74.40	74.36	74.41	74.48	74.63	74.75	74.72	74.69	74.56	74.41	74.35	74.39	3
4	74.43	74.38	74.42	74.52	74.64	74.77	74.70	74.69	74.59	74.40	74.36	74.34	4
5	74.42	74.40	74.41	74.52	74.64	74.77	74.70	74.69	74.57	74.44	74.33	74.33	5
6	74.36	74.45	74.41	74.50	74.65	74.78	74.70	74.70	74.56	74.42	74.37	74.37	6
7	74.34	74.45	74.42	74.54	74.64	74.78	74.70	74.68	74.56	74.43	74.37	74.34	7
8	74.36	74.41	74.38	74.54	74.64	74.78	74.70	74.68	74.56	74.41	74.36	74.32	8
9	74.38	74.42	74.42	74.55	74.65	74.76	74.69	74.69	74.57	74.41	74.36	74.33	9
10	74.36	74.41	74.43	74.59	74.68	74.78	74.69	74.69	74.56	74.48	74.45	74.36	10
11	74.38	74.34	74.40	74.55	---	74.78	74.69	74.67	74.53	74.44	74.38	74.36	11
12	74.38	74.43	74.35	74.55	---	74.78	74.68	74.68	74.53	74.43	74.36	74.30	12
13	74.36	74.48	74.41	74.56	---	74.76	74.67	74.68	74.55	74.41	74.45	74.32	13
14	74.33	74.41	74.41	74.59	---	74.76	74.68	74.67	74.53	74.43	74.40	74.28	14
15	74.36	74.45	74.42	74.58	---	74.76	74.68	74.67	74.50	74.38	74.35	74.33	15
16	74.37	74.44	74.43	74.59	---	74.74	74.68	74.69	74.49	74.38	74.41	74.28	16
17	74.38	74.43	74.42	74.59	---	74.73	74.68	74.68	74.53	74.38	74.44	74.28	17
18	74.38	74.42	74.42	74.61	74.68	74.73	74.70	74.63	74.50	74.43	74.38	74.25	18
19	74.34	74.41	74.41	74.60	74.70	74.72	74.70	74.63	74.48	74.37	74.35	74.28	19
20	74.36	74.48	74.40	74.59	74.72	74.73	74.69	74.61	74.52	74.37	74.37	74.28	20
21	74.39	74.45	74.39	74.60	74.73	74.72	74.69	74.58	74.50	74.37	74.38	74.27	21
22	74.36	74.46	74.37	74.59	74.74	74.74	74.69	74.58	74.49	74.33	74.37	74.20	22
23	74.37	74.48	74.39	74.57	74.75	74.73	74.68	74.57	74.53	74.37	74.37	74.31	23
24	74.38	74.45	74.38	74.64	74.74	74.73	74.69	74.65	74.49	74.43	74.37	74.35	24
25	74.38	74.49	74.39	74.61	74.75	74.77	74.69	74.62	74.49	74.44	74.38	74.39	25
26	74.38	74.43	74.41	74.61	74.77	74.75	74.69	74.61	74.48	74.39	74.38	74.23	26
27	74.37	74.41	74.47	74.59	74.76	74.74	74.69	74.57	74.48	74.38	74.40	74.26	27
28	74.40	74.42	74.45	74.61	74.77	74.74	74.68	74.60	74.43	74.47	74.38	74.28	28
29	74.38	74.45	74.43	74.62	74.76	74.76	74.69	74.58	74.42	74.40	74.37	74.24	29
30	74.41		74.48	74.63	74.77	74.73	74.70	74.58	74.45	74.37	74.40	74.27	30
31	74.39		74.46		74.77		74.69	74.58		74.38		74.24	31
MEAN	74.38	74.42	74.41	74.57	---	74.75	74.69	74.64	74.52	74.41	74.38	74.30	MEAN
MAX	74.43	74.48	74.48	74.64	---	74.77	74.72	74.70	74.59	74.48	74.45	74.41	MAX
MIN	74.33	74.34	74.35	74.48	---	74.72	74.67	74.57	74.42	74.33	74.33	74.20	MIN

SUMMARY FOR THE YEAR 1988

WATER LEVELS IN METRES

MAXIMUM DAILY, 74.77 ON MAY 26
MINIMUM DAILY, 74.20 ON DEC 22
MAXIMUM INSTANTANEOUS,
74.85 AT 1:15 EST ON JUN 2

TYPE OF GAUGE - RECORDING
LOCATION - LAT 44 13 03 N
LONG 76 31 03 W
DATA CONTRIBUTED BY -
OCEAN SCIENCE AND SURVEYS (DFO) (CANADA)

WATER LEVELS ARE REFERRED TO INTERNATIONAL GREAT LAKES DATUM (1985)

REMARKS - DATA PUBLISHED AS RECEIVED. DATA PUBLISHED MONTHLY BY OCEAN SCIENCE AND SURVEYS AS STATION 13986 KINGSTON

LAKE ONTARIO AT PORT WELLER - STATION NO. 02HA018

DAILY WATER LEVEL IN METRES FOR 1988

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	74.37	74.44	74.48	74.53	74.68	74.81	74.75	74.72	74.61	74.48	74.40	74.38	1
2	74.39	74.48	74.47	74.56	74.70	74.81	74.75	74.71	74.61	74.47	74.35	74.33	2
3	74.42	74.48	74.47	74.56	74.68	74.81	74.75	74.70	74.61	74.49	74.38	74.35	3
4	74.38	74.45	74.48	74.57	74.70	74.81	74.75	74.71	74.61	74.49	74.41	74.35	4
5	74.31	74.48	74.45	74.59	74.71	74.78	74.74	74.71	74.59	74.47	74.43	74.39	5
6	74.39	74.41	74.45	74.63	74.70	74.81	74.74	74.70	74.59	74.48	74.41	74.36	6
7	74.42	74.43	74.44	74.61	74.72	74.80	74.73	74.69	74.57	74.49	74.40	74.35	7
8	74.40	74.45	74.48	74.61	74.72	74.81	74.72	74.68	74.58	74.48	74.41	74.37	8
9	74.37	74.45	74.45	74.62	74.73	74.80	74.73	74.68	74.58	74.48	74.41	74.35	9
10	74.38	74.45	74.44	74.62	74.73	74.78	74.72	74.67	74.54	74.46	74.39	74.37	10
11	74.38	74.51	74.45	74.62	74.73	74.78	74.73	74.67	74.54	74.43	74.40	74.36	11
12	74.39	74.45	74.51	74.63	74.74	74.78	74.72	74.67	74.54	74.43	74.46	74.35	12
13	74.35	74.41	74.45	74.64	74.73	74.78	74.72	74.68	74.53	74.41	74.41	74.34	13
14	74.39	74.47	74.45	74.64	74.75	74.78	74.71	74.68	74.53	74.41	74.41	74.34	14
15	74.37	74.45	74.44	74.63	74.75	74.78	74.72	74.68	74.53	74.42	74.48	74.27	15
16	74.38	74.48	74.43	74.61	74.75	74.77	74.70	74.65	74.53	74.43	74.43	74.33	16
17	74.39	74.48	74.44	74.63	74.75	74.78	74.73	74.66	74.53	74.43	74.38	74.31	17
18	74.38	74.47	74.44	74.61	74.77	74.78	74.74	74.65	74.52	74.40	74.39	74.31	18
19	74.42	74.50	74.45	74.62	74.78	74.78	74.73	74.64	74.53	74.42	74.44	74.32	19
20	74.44	74.44	74.43	74.63	74.78	74.78	74.73	74.63	74.51	74.42	74.43	74.29	20
21	74.40	74.45	74.44	74.62	74.80	74.77	74.74	74.62	74.49	74.43	74.41	74.27	21
22	74.43	74.45	74.45	74.63	74.80	74.77	74.74	74.62	74.51	74.42	74.43	74.33	22
23	74.43	74.46	74.45	74.68	74.80	74.78	74.74	74.64	74.49	74.42	74.42	74.30	23
24	74.42	74.46	74.45	74.61	74.80	74.78	74.74	74.62	74.50	74.41	74.42	74.28	24
25	74.43	74.47	74.46	74.63	74.80	74.77	74.74	74.63	74.49	74.38	74.43	74.25	25
26	74.41	74.49	74.46	74.65	74.82	74.78	74.74	74.62	74.49	74.40	74.44	74.28	26
27	74.42	74.50	74.46	74.67	74.83	74.78	74.73	74.63	74.48	74.42	74.42	74.31	27
28	74.40	74.48	74.49	74.68	74.82	74.76	74.73	74.61	74.49	74.38	74.38	74.25	28
29	74.44	74.48	74.54	74.67	74.82	74.75	74.72	74.62	74.49	74.37	74.41	74.29	29
30	74.42		74.51	74.68	74.81	74.75	74.72	74.61	74.47	74.38	74.38	74.29	30
31	74.43		74.53		74.80		74.72	74.61		74.40		74.28	31
MEAN	74.40	74.48	74.48	74.62	74.78	74.78	74.73	74.66	74.54	74.43	74.41	74.32	MEAN
MAX	74.44	74.51	74.54	74.68	74.83	74.81	74.75	74.72	74.61	74.49	74.45	74.39	MAX
MIN	74.31	74.41	74.43	74.63	74.68	74.75	74.70	74.61	74.47	74.38	74.38	74.25	MIN

SUMMARY FOR THE YEAR 1988

WATER LEVELS IN METRES

MEAN, 74.55
MAXIMUM DAILY, 74.83 ON MAY 27
MINIMUM DAILY, 74.25 ON DEC 25
MAXIMUM INSTANTANEOUS,
74.91 AT 21:45 EST ON JUN 1

TYPE OF GAUGE - RECORDING
LOCATION - LAT 43 14 12 N
LONG 78 13 12 W
DATA CONTRIBUTED BY -
OCEAN SCIENCE AND SURVEYS (DFO) (CANADA)

WATER LEVELS ARE REFERRED TO INTERNATIONAL GREAT LAKES DATUM (1985)

REMARKS - DATA PUBLISHED AS RECEIVED. DATA PUBLISHED MONTHLY BY OCEAN SCIENCE AND SURVEYS AS STATION 13030 PORT WELLER

DAILY WATER LEVEL IN METRES FOR 1988

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	74.35	74.42	74.46	74.54	74.69	74.81	74.74	74.71	74.62	74.49	74.40	74.38	1
2	74.40	74.44	74.47	74.54	74.70	74.83	74.74	74.73	74.61	74.48	74.34	74.34	2
3	74.43	74.49	74.47	74.57	74.70	74.82	74.75	74.71	74.61	74.49	74.38	74.34	3
4	74.35	74.46	74.44	74.58	74.71	74.80	74.74	74.71	74.63	74.50	74.42	74.34	4
5	74.29	74.45	74.45	74.60	74.71	74.78	74.74	74.71	74.57	74.47	74.42	74.39	5
6	74.37	74.40	74.48	74.61	74.71	74.82	74.74	74.71	74.58	74.49	74.44	74.37	6
7	74.43	74.45	74.43	74.60	74.69	74.79	74.75	74.68	74.56	74.49	74.42	74.36	7
8	74.40	74.44	74.48	74.59	74.72	74.80	74.72	74.69	74.57	74.48	74.42	74.37	8
9	74.37	74.45	74.48	74.59	74.74	74.80	74.73	74.69	74.58	74.48	74.42	74.34	9
10	74.38	74.44	74.44	74.62	74.73	74.78	74.73	74.68	74.63	74.47	74.43	74.37	10
11	74.39	74.52	74.46	74.63	74.71	74.79	74.71	74.67	74.53	74.41	74.41	74.34	11
12	74.41	74.47	74.52	74.63	74.76	74.79	74.71	74.70	74.53	74.41	74.45	74.36	12
13	74.32	74.39	74.47	74.64	74.75	74.80	74.72	74.67	74.51	74.41	74.41	74.34	13
14	74.41	74.46	74.45	74.63	74.74	74.79	74.71	74.67	74.51	74.41	74.41	74.35	14
15	74.40	74.45	74.44	74.63	74.75	74.79	74.71	74.62	74.52	74.43	74.44	74.25	15
16	74.41	74.45	74.42	74.61	74.76	74.77	74.71	74.64	74.54	74.42	74.44	74.33	16
17	74.40	74.47	74.44	74.63	74.77	74.78	74.74	74.60	74.54	74.41	74.38	74.30	17
18	74.40	74.48	74.48	74.60	74.77	74.78	74.74	74.65	74.51	74.40	74.40	74.32	18
19	74.42	74.50	74.45	74.61	74.76	74.78	74.76	74.65	74.54	74.44	74.45	74.33	19
20	74.45	74.45	74.42	74.62	74.82	74.76	74.74	74.64	74.52	74.43	74.41	74.32	20
21	74.38	74.44	74.43	74.61	74.81	74.76	74.75	74.63	74.48	74.44	74.37	74.27	21
22	74.43	74.47	74.45	74.63	74.80	74.74	74.75	74.64	74.53	74.40	74.43	74.34	22
23	74.44	74.45	74.48	74.64	74.81	74.78	74.78	74.65	74.49	74.41	74.42	74.32	23
24	74.43	74.47	74.48	74.60	74.82	74.80	74.74	74.64	74.50	74.42	74.43	74.28	24
25	74.42	74.48	74.47	74.63	74.78	74.78	74.78	74.65	74.50	74.39	74.44	74.24	25
26	74.42	74.50	74.47	74.64	74.81	74.73	74.74	74.59	74.49	74.40	74.43	74.27	26
27	74.43	74.51	74.47	74.67	74.83	74.76	74.73	74.62	74.50	74.42	74.41	74.34	27
28	74.38	74.49	74.48	74.67	74.82	74.75	74.74	74.62	74.50	74.38	74.38	74.26	28
29	74.44	74.45	74.53	74.68	74.82	74.75	74.73	74.64	74.52	74.38	74.38	74.28	29
30	74.42		74.51	74.68	74.82	74.73	74.70	74.61	74.51	74.38	74.38	74.30	30
31	74.44		74.53		74.81		74.71	74.62		74.41		74.28	31
MEAN	74.40	74.48	74.46	74.62	74.78	74.78	74.73	74.68	74.54	74.43	74.41	74.33	MEAN
MAX	74.48	74.52	74.53	74.68	74.83	74.83	74.75	74.73	74.63	74.50	74.45	74.38	MAX
MIN	74.29	74.39	74.42	74.54	74.69	74.73	74.70	74.59	74.49	74.38	74.34	74.24	MIN

SUMMARY FOR THE YEAR 1988

WATER LEVELS IN METRES

MEAN, 74.55
MAXIMUM DAILY, 74.83 ON MAY 27
MINIMUM DAILY, 74.24 ON DEC 26
MAXIMUM INSTANTANEOUS,
74.86 AT 13:30 EST ON JUN 22

TYPE OF GAUGE - RECORDING
LOCATION - LAT 43 38 38 N
LONG 79 22 50 W
DATA CONTRIBUTED BY -
OCEAN SCIENCE AND SURVEYS (DFO) (CANADA)

WATER LEVELS ARE REFERRED TO INTERNATIONAL GREAT LAKES DATUM (1985)

REMARKS - DATA PUBLISHED AS RECEIVED. DATA PUBLISHED MONTHLY BY OCEAN SCIENCE AND SURVEYS AS STATION 13320 TORONTO

LAKE SIMCOE NEAR GAMEBRIDGE - STATION NO. 02EC015

DAILY WATER LEVEL IN METRES FOR 1988

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	10.122	10.051	10.015	10.118	10.288	10.358	10.270	10.220	10.145	10.088	10.025	10.048	1
2	10.088	10.058	10.012	10.125	10.288	10.347	10.268	10.218	10.147	10.088	10.037	10.052	2
3	10.073	10.058	10.013	10.135	10.303	10.348	10.266	10.217	10.140	10.093	10.022	10.052	3
4	10.088	10.052	10.009	10.143	10.303	10.350	10.265	10.220	10.155	10.084	10.018	10.042	4
5	10.100	10.058	10.004	10.178	10.307	10.355	10.262	10.233	10.158	10.089	10.005	10.021	5
6	10.078	10.058	9.994	10.188	10.308	10.344	10.262	10.247	10.183	10.082	10.048	10.033	6
7	10.074	10.055	9.994	10.189	10.306	10.338	10.262	10.224	10.183	10.076	10.040	10.018	7
8	10.073	10.053	9.993	10.206	10.307	10.335	10.262	10.217	10.189	10.070	10.044	10.015	8
9	10.072	10.054	9.993	10.215	10.318	10.324	10.263	10.226	10.189	10.088	10.048	10.018	9
10	10.085	10.052	9.998	10.217	10.324	10.324	10.260	10.238	10.171	10.082	10.080	9.998	10
11	10.083	10.047	9.998	10.218	10.318	10.322	10.258	10.228	10.148	10.080	10.084	9.990	11
12	10.058	10.051	10.000	10.222	10.313	10.320	10.259	10.228	10.143	10.072	10.039	9.988	12
13	10.058	10.051	10.004	10.228	10.341	10.317	10.252	10.228	10.163	10.086	10.078	9.986	13
14	10.053	10.048	10.007	10.244	10.315	10.317	10.258	10.245	10.155	10.088	10.080	9.985	14
15	10.047	10.043	10.008	10.251	10.318	10.320	10.241	10.247	10.127	10.049	10.051	10.018	15
16	10.042	10.048	10.008	10.251	10.331	10.320	10.248	10.218	10.118	10.057	10.072	9.986	16
17	10.043	10.038	10.008	10.257	10.340	10.305	10.242	10.218	10.128	10.058	10.117	9.983	17
18	10.058	10.034	10.009	10.264	10.344	10.300	10.238	10.202	10.127	10.088	10.073	9.979	18
19	10.055	10.028	10.009	10.270	10.343	10.304	10.235	10.198	10.124	10.081	10.035	9.976	19
20	10.055	10.038	10.009	10.268	10.358	10.301	10.231	10.192	10.158	10.083	10.048	9.983	20
21	10.051	10.038	10.008	10.262	10.385	10.292	10.228	10.178	10.148	10.062	10.088	9.984	21
22	10.058	10.038	10.006	10.258	10.371	10.314	10.230	10.187	10.128	10.060	10.087	9.972	22
23	10.055	10.032	10.003	10.250	10.380	10.313	10.231	10.187	10.158	10.064	10.088	9.973	23
24	10.048	10.027	10.010	10.261	10.382	10.303	10.228	10.189	10.130	10.082	10.085	9.980	24
25	10.051	10.028	10.020	10.288	10.378	10.322	10.228	10.185	10.123	10.078	10.049	10.007	25
26	10.050	10.027	10.045	10.277	10.370	10.307	10.228	10.185	10.118	10.087	10.048	9.993	26
27	10.048	10.028	10.073	10.288	10.388	10.283	10.227	10.187	10.124	10.082	10.072	9.980	27
28	10.043	10.018	10.088	10.283	10.386	10.295	10.221	10.182	10.101	10.102	10.063	10.017	28
29	10.035	10.018	10.084	10.288	10.384	10.288	10.223	10.151	10.088	10.077	10.085	10.007	29
30	10.033		10.108	10.287	10.367	10.278	10.234	10.151	10.093	10.038	10.084	10.008	30
31	10.037		10.112		10.364		10.228	10.145		10.037		10.011	31
MEAN	10.061	10.043	10.021	10.232	10.338	10.318	10.248	10.202	10.142	10.088	10.053	10.004	MEAN
MAX	10.122	10.082	10.112	10.287	10.382	10.358	10.270	10.247	10.186	10.102	10.117	10.082	MAX
MIN	10.033	10.018	9.993	10.118	10.288	10.278	10.221	10.145	10.088	10.037	10.005	9.972	MIN

SUMMARY FOR THE YEAR 1988

WATER LEVELS IN METRES

MEAN, 10.144
MAXIMUM DAILY, 10.382 ON MAY 24
MINIMUM DAILY, 9.972 ON DEC 22
MAXIMUM INSTANTANEOUS,
10.455 AT 12:51 EST ON MAY 13

TYPE OF GAUGE - RECORDING
LOCATION - LAT 44 26 22 N
LONG 79 10 02 W

WATER LEVELS ARE REFERRED TO ASSUMED DATUM
APPLY 208.724 m ADJUSTMENT TO CONVERT TO GEODETIC SURVEY OF CANADA DATUM

REMARKS - PRIOR TO JUNE 1982 PUBLISHED MONTHLY BY OCEAN SCIENCE AND SURVEYS, CANADIAN HYDROGRAPHIC SERVICE AS 16500 GAMEBRIDGE ONT

LAKE ST. CLAIR AT BELLE RIVER - STATION NO. 02GH005

DAILY WATER LEVEL IN METRES FOR 1988

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	175.04	175.04	175.05	175.08	175.11	175.10	175.08	174.98	174.91	174.80	174.74	174.78	1
2	175.03	175.08	175.03	175.08	175.11	175.13	175.03	175.00	174.90	174.88	174.78	174.71	2
3	175.06	175.09	175.05	175.07	175.12	175.18	175.04	175.00	174.90	174.87	174.74	174.77	3
4	175.08	175.11	175.04	175.08	175.12	175.10	175.04	174.99	174.83	174.84	174.74	174.79	4
5	175.08	175.09	175.01	175.08	175.13	175.09	175.03	174.99	175.00	174.87	174.73	174.76	5
6	175.13	175.03	175.00	175.10	175.12	175.09	175.03	175.01	174.94	174.84	174.82	174.72	6
7	175.21	175.01	175.01	175.25	175.11	175.10	175.02	175.01	174.91	174.83	174.72	174.78	7
8	175.24	175.03	175.01	175.17	175.09	175.14	175.02	174.98	174.89	174.81	174.74	174.79	8
9	175.25	175.04	175.02	175.14	175.08	175.14	175.02	175.00	174.89	174.82	174.76	174.78	9
10	175.26	175.03	175.04	175.14	175.09	175.09	175.00	175.02	174.89	174.78	174.77	174.80	10
11	175.25	175.04	175.04	175.15	175.11	175.07	175.00	175.00	174.89	174.82	174.81	174.82	11
12	175.22	175.05	175.04	175.14	175.08	175.07	175.03	175.01	174.87	174.83	174.79	174.74	12
13	175.21	175.05	175.02	175.11	175.09	175.08	175.00	174.98	174.80	174.80	174.77	174.75	13
14	175.21	175.05	175.03	175.14	175.11	175.08	175.01	174.97	174.89	174.75	174.78	174.74	14
15	175.15	175.03	175.04	175.12	175.09	175.07	175.00	174.98	174.88	174.78	174.82	174.80	15
16	175.07	175.05	175.04	175.11	175.13	175.09	175.01	174.98	174.88	174.72	174.71	174.75	16
17	175.05	175.05	175.03	175.07	175.16	175.07	175.07	174.98	174.85	174.72	174.70	174.80	17
18	175.08	175.07	175.02	175.15	175.14	175.05	175.05	175.03	174.85	174.81	174.78	174.78	18
19	175.09	175.05	175.03	175.13	175.14	175.04	175.07	175.02	174.82	174.82	174.78	174.78	19
20	175.02	175.09	175.06	175.08	175.13	175.05	175.05	175.00	174.79	174.81	174.86	174.73	20
21	175.08	175.09	175.05	175.12	175.12	175.06	175.07	175.00	174.84	174.80	174.86	174.78	21
22	175.08	175.06	175.02	175.13	175.12	175.04	175.05	174.97	174.83	174.84	174.85	174.77	22
23	175.05	175.07	174.98	175.11	175.13	175.07	175.05	174.98	174.87	174.78	174.85	174.70	23
24	175.03	175.06	175.01	175.12	175.17	175.05	175.04	174.94	174.88	174.88	174.82	174.78	24
25	175.05	175.07	174.99	175.10	175.15	175.04	175.02	174.91	174.87	174.71	174.81	174.75	25
26	175.06	175.07	175.01	175.11	175.10	175.09	175.03	174.91	174.87	174.73	174.79	174.75	26
27	175.06	175.06	175.03	175.07	175.09	175.06	175.02	174.91	174.85	174.70	174.73	174.75	27
28	175.06	175.05	175.05	175.13	175.10	175.05	175.01	174.93	174.89	174.69	174.78	174.79	28
29	175.05	175.04	175.06	175.13	175.09	175.06	175.00	174.94	174.86	174.74	174.73	174.75	29
30	175.01		175.05	175.11	175.08	175.08	174.99	174.93	174.84	174.77	174.73	174.75	30
31	175.00		175.09		175.08		175.02	174.92		174.74		174.80	31
MEAN	175.11	175.06	175.03	175.12	175.11	175.08	175.03	174.98	174.88	174.78	174.77	174.77	MEAN
MAX	175.26	175.11	175.09	175.25	175.17	175.15	175.07	175.03	175.00	174.88	174.88	174.82	MAX
MIN	175.00	175.01	174.98	175.08	175.08	175.04	174.99	174.91	174.79	174.88	174.82	174.70	MIN

WATER LEVELS IN METRES

SUMMARY FOR THE YEAR 1988

MEAN, 174.98
MAXIMUM DAILY, 175.26 ON JAN 10
MINIMUM DAILY, 174.82 ON NOV 6
MAXIMUM INSTANTANEOUS,
175.34 AT 11:30 EST ON APR 7

TYPE OF GAUGE - RECORDING
LOCATION - LAT 42 17 48 N
LONG 82 42 37 W
DATA CONTRIBUTED BY -
OCEAN SCIENCE AND SURVEYS (DFO) (CANADA)

WATER LEVELS ARE REFERRED TO INTERNATIONAL GREAT LAKES DATUM (1955)

REMARKS - DATA PUBLISHED AS RECEIVED. DATA PUBLISHED MONTHLY BY OCEAN SCIENCE AND SURVEYS AS STATION 11865 BELLE RIVER

LAKE ST. CLAIR AT TECUMSEH - STATION NO. 02GH006

DAILY WATER LEVEL IN METRES FOR 1988

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	174.92	174.89	174.86	175.05	175.06	175.07	175.01	174.98	174.88	174.77	---	174.71	1
2	174.86	174.88	174.86	175.05	175.08	175.12	175.00	174.98	174.87	174.82	---	174.82	2
3	175.01	174.92	174.86	175.05	175.08	175.11	175.00	174.98	174.87	174.82	---	174.86	3
4	174.98	175.04	174.96	175.03	175.10	175.07	175.00	174.96	174.88	174.78	174.71	174.88	4
5	175.00	175.00	174.96	175.06	175.08	175.04	174.99	174.96	174.90	174.78	174.70	174.70	5
6	175.09	174.96	174.96	175.07	175.06	175.05	174.98	174.96	174.88	174.78	---	174.67	6
7	175.19	174.87	174.87	175.14	175.07	175.06	174.98	174.98	174.88	174.78	174.84	174.73	7
8	175.22	175.00	174.87	175.12	175.06	175.11	174.98	174.96	174.87	174.76	174.88	174.73	8
9	175.23	175.00	174.86	175.11	175.01	175.10	174.97	174.98	174.85	174.78	174.71	174.88	9
10	175.24	174.89	174.00	175.11	175.04	175.06	174.96	174.98	174.85	174.88	174.88	174.73	10
11	175.21	175.01	175.02	175.11	175.07	175.03	174.96	174.96	174.87	174.71	174.73	174.73	11
12	175.19	175.00	175.02	175.10	175.06	175.02	174.96	174.97	174.86	174.73	174.77	174.70	12
13	175.16	175.00	174.93	175.06	175.04	175.02	174.97	174.98	174.83	174.76	174.89	174.88	13
14	175.17	175.01	174.87	175.07	175.09	175.02	174.96	174.91	174.86	174.71	---	174.89	14
15	175.10	174.89	174.88	175.07	175.06	175.02	174.98	174.94	174.88	174.72	---	174.88	15
16	175.03	175.00	174.97	175.06	175.06	175.06	174.98	174.94	174.88	174.70	---	174.88	16
17	175.02	175.01	174.89	175.01	175.10	175.04	175.02	174.94	174.81	174.70	---	174.72	17
18	175.04	175.03	174.87	175.07	175.10	175.03	175.02	174.89	174.82	174.73	---	174.71	18
19	175.08	175.04	174.88	175.08	175.10	175.00	175.02	174.98	174.82	174.77	174.78	174.72	19
20	175.00	175.03	174.88	175.01	175.09	175.01	175.02	174.97	174.91	174.78	174.77	174.88	20
21	174.98	175.03	175.01	175.18	175.08	175.02	175.02	174.97	174.78	174.78	174.78	174.72	21
22	174.98	175.00	175.02	175.14	175.08	174.98	175.01	174.97	174.81	174.76	174.80	174.76	22
23	174.98	175.03	174.95	175.07	175.08	175.04	175.01	174.93	174.82	174.74	174.81	174.82	23
24	174.96	175.01	174.89	175.05	175.12	175.03	174.98	174.97	174.88	174.82	174.78	174.71	24
25	174.97	175.03	174.97	175.07	175.09	174.98	174.97	174.93	174.84	174.81	174.77	174.84	25
26	174.96	175.02	174.95	175.08	175.08	175.04	174.98	174.88	174.84	174.88	174.77	174.72	26
27	174.98	175.03	174.95	175.05	175.05	175.04	174.98	174.88	174.81	174.88	174.86	174.73	27
28	174.98	174.98	175.04	175.08	175.08	175.00	174.98	174.88	174.88	174.88	174.88	174.88	28
29	174.98	174.97	175.04	175.08	175.08	175.03	174.98	174.80	174.85	174.87	174.88	174.71	29
30	174.97		175.00	175.08	175.05	175.04	174.98	174.89	174.81	174.71	174.88	174.71	30
31	174.96		175.06		175.08		174.98	174.84		174.69		174.75	31
MEAN	175.05	175.01	174.98	175.07	175.07	175.04	174.99	174.94	174.84	174.73	---	174.70	MEAN
MAX	175.24	175.04	175.06	175.14	175.12	175.12	175.02	174.98	174.90	174.82	---	174.78	MAX
MIN	174.92	174.88	174.83	175.01	175.01	174.98	174.98	174.89	174.71	174.88	---	174.82	MIN

WATER LEVELS IN METRES

SUMMARY FOR THE YEAR 1988

MAXIMUM DAILY, 175.24 ON JAN 10
MINIMUM DAILY, 174.88 ON OCT 28
MAXIMUM INSTANTANEOUS,
175.35 AT 9:45 EST ON JAN 10

TYPE OF GAUGE - RECORDING
LOCATION - LAT 42 20 33 N
LONG 82 55 24 W
DATA CONTRIBUTED BY -
OCEAN SCIENCE AND SURVEYS (DFO) (CANADA)

WATER LEVELS ARE REFERRED TO INTERNATIONAL GREAT LAKES DATUM (1955)

REMARKS - DATA PUBLISHED AS RECEIVED. DATA PUBLISHED MONTHLY BY OCEAN SCIENCE AND SURVEYS AS STATION 11975 TECUMSEH

LAKE ST. JOSEPH ABOVE RAT RAPIDS DAM - STATION NO. 04GA004

DAILY WATER LEVEL IN METRES FOR 1988

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	371.690	---	371.580	371.540	371.540	371.640	371.760	372.060	372.070	372.200	372.320	372.380	1
2	371.690	---	371.580	371.540	371.550	371.640	371.770	372.040	372.080	372.200	372.330	372.380	2
3	371.680	---	371.590	371.540	371.550	371.670	371.770	372.070	372.080	372.180	372.340	372.400	3
4	371.680	---	371.590	371.540	371.560	371.680	371.770	372.060	372.050	372.210	372.310	372.380	4
5	371.680	---	371.580	371.540	371.580	371.690	371.720	372.050	372.080	372.220	372.300	372.380	5
6	371.680	---	371.580	371.530	371.580	371.710	371.780	372.070	372.080	372.230	372.320	372.380	6
7	371.680E	---	371.580	371.530	371.580	371.620	371.830	372.100	372.070	372.220	372.330	372.380	7
8	---	---	371.580	371.560	371.570	371.630	371.880	372.080	372.070	372.220	372.340	372.380	8
9	---	---	371.580	371.550	371.580	371.670	371.880	372.100	372.100	372.250	372.340	372.380E	9
10	371.650E	---	371.580	371.540	371.590	371.700	371.840	372.100	372.070	372.280	372.340	372.380E	10
11	371.650	---	371.570	371.540	371.580	371.690	371.830	372.100	372.000	372.240	372.340	372.380E	11
12	371.650	371.620E	371.580	371.540	371.580	371.670	371.880	372.080	372.080	372.240	372.330	372.370E	12
13	---	371.620	371.580	371.530	371.620	371.650	371.840	372.080	372.080	372.280	372.350	372.370E	13
14	---	371.620	371.570	371.540	371.630	371.640	371.880	372.080	371.880	372.240	372.350	372.370E	14
15	---	---	371.570	371.540	371.580	371.670	371.880	372.080	371.880	372.250	372.330	372.380E	15
16	---	---	371.570	371.540	371.610	371.700	371.900	372.080	371.880	372.250	372.350	372.380E	16
17	371.650E	---	371.580	371.530	371.630	371.720	371.920	372.010	372.080	372.280	372.400	372.380E	17
18	371.650	---	371.580	371.530	371.630	371.720	371.910	372.040	372.080	372.250	372.380	372.380E	18
19	371.640	---	371.580	371.540	371.630	371.730	371.920	372.050	372.050	372.270	372.390	372.380E	19
20	371.640	---	371.580	371.580	371.620	371.740	371.930	372.020	372.080	372.270	372.390	372.380E	20
21	371.640	---	371.640	371.640	371.600	371.710	371.930	372.010	372.110	372.300	372.380	372.380E	21
22	371.630	---	371.640	371.580	371.680	371.700	371.880	372.010	372.110	372.280	372.390	372.380E	22
23	371.630	---	371.640	371.580	371.680	371.700	371.880	372.040	372.180	372.280	372.390	372.380	23
24	---	---	371.640	371.580	371.640	371.680	371.870	372.050	372.130	372.310	372.380	372.370	24
25	---	371.610E	371.640	371.580	371.680	371.720	371.880	372.070	372.180	372.340	372.400	372.370	25
26	---	371.600	371.640	371.580	371.680	371.750	371.870	372.080	372.120	372.240	372.380	372.350	26
27	---	371.600	371.640	371.640	371.680	371.780	371.880	372.080	372.130	372.290	372.380	372.380	27
28	371.630E	371.600	371.640	371.580	371.630	371.710	371.880	372.070	372.180	372.380	372.380	372.380E	28
29	371.630	371.580	371.580	371.640	371.680	371.720	372.030	372.080	372.180	372.350	372.380	372.380E	29
30	371.630		371.640	371.640	371.650	371.730	372.080	372.080	372.220	372.340	372.390	372.380E	30
31	371.620		371.640		371.670		372.080	372.080		372.300		372.340E	31
MEAN	---	---	371.581	371.542	371.608	371.692	371.891	372.056	372.084	372.285	372.380	372.388	MEAN
MAX	---	---	371.690	371.640	371.670	371.740	372.080	372.100	372.220	372.380	372.400	372.400	MAX
MIN	---	---	371.640	371.530	371.540	371.620	371.720	372.010	371.880	372.180	372.300	372.340	MIN

SUMMARY FOR THE YEAR 1988

WATER LEVELS IN METRES

MAXIMUM DAILY, 372.400 ON NOV 17
MINIMUM DAILY, 371.530 ON APR 6

TYPE OF GAUGE - RECORDING
LOCATION - LAT 51 11 40 N
LONG 90 13 20 W
DATA CONTRIBUTED BY -
ONTARIO HYDRO

E - ESTIMATED

REGULATED

WATER LEVELS ARE REFERRED TO GEODETIC SURVEY OF CANADA DATUM

LAKE ST. JOSEPH DIVERSION ABOVE CONTROL DAM - STATION NO. 05DB005

DAILY WATER LEVEL IN METRES FOR 1988

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	371.100	371.050	371.010	370.940	371.030	371.180	371.170	371.420E	371.440A	371.550E	371.690	371.720	1
2	371.100	371.020	370.980	370.950	371.040	371.160	371.150	371.480A	371.480A	371.550E	371.670	371.720	2
3	371.100	371.010	370.980	370.950	371.060	371.130	371.150	371.420A	371.480A	371.610A	371.670	371.720	3
4	371.080	371.000	370.980	370.950	371.050	371.130	371.150	371.440A	371.490E	371.600A	371.710	371.710	4
5	371.080	370.990	370.990	370.940	371.080	371.130	371.220	371.440A	371.430E	371.580A	371.730	371.710	5
6	371.070	370.980	370.990	370.940	371.080	371.110	371.240	371.440A	371.420E	371.590A	371.700	371.710	6
7	371.070	370.980	370.980	370.950A	371.060	371.210	371.220	371.420A	371.410A	371.600A	371.680	371.720	7
8	371.070	370.980	371.000	370.950A	371.070	371.170	371.230	371.450E	371.380A	371.600A	371.670	371.710	8
9	371.080	370.980	370.980	370.950A	371.090	371.130	371.240	371.430A	371.400A	371.580A	371.670	371.710	9
10	371.080	370.970	371.000	370.940A	371.070	371.090	371.270	371.420A	371.420E	371.600A	371.670	371.700	10
11	371.080	370.970	371.020	370.940A	371.070	371.100	371.280	371.430A	371.450E	371.620A	371.680	371.680	11
12	371.080	370.980	371.020	370.950A	371.080	371.140	371.280	371.480A	371.470E	371.610A	371.680	371.680	12
13	371.040	370.950	371.010	370.940A	371.080	371.150	371.300	371.470A	371.430A	371.590A	371.680	371.700	13
14	371.040	371.000	370.980	370.940E	371.040	371.170	371.310	371.480A	371.480A	371.620A	371.680	371.700	14
15	371.040	370.990	370.970	370.940A	371.110	371.170	371.320	371.420A	371.460A	371.600	371.700	371.680	15
16	371.070	371.000	370.970	370.950A	371.080	371.150	371.300	371.480A	371.480A	371.610	371.740	371.680	16
17	371.070	370.990	370.970	370.950A	371.070	371.120	371.300	371.500A	371.470E	371.610	371.710	371.680	17
18	371.080	371.000	370.980	370.950A	371.070	371.120	371.310	371.440A	371.490A	371.620	371.720	371.680	18
19	371.080	371.000E	370.980	370.950A	371.080	371.110	371.340	371.420A	371.530A	371.620	371.730	371.700	19
20	371.080	371.010	370.950	370.950A	371.120	371.120	371.360	371.480A	371.540A	371.620	371.730	371.700	20
21	371.070	370.980	370.980	370.950A	371.130	371.140	371.380	371.440A	371.520A	371.610	371.720	371.680	21
22	371.080	371.000	370.980	370.950A	371.080	371.180	371.340	371.420E	371.520A	371.640	371.730	371.700	22
23	371.070	371.110	370.950	370.950A	371.100	371.140	371.330	371.410A	371.480A	371.650	371.730	371.700	23
24	371.070	370.980	370.980	370.950A	371.110	371.180	371.340	371.420A	371.540A	371.640	371.730	371.680	24
25	371.080	370.980	370.970	370.970A	371.070	371.180	371.380	371.420A	371.520A	371.630	371.720	371.680	25
26	371.040	371.000	370.980	370.970A	371.100	371.180	371.370	371.430A	371.570E	371.630	371.730	371.680	26
27	371.040	370.990	370.980	370.980A	371.100	371.180	371.380	371.430E	371.570E	371.680	371.740	371.700	27
28	371.040	371.000	370.990	371.000	371.130	371.230	371.380	371.420A	371.570A	371.670	371.720	371.680	28
29	371.040	371.020	370.970	371.010	371.120	371.210	371.400	371.440A	371.550A	371.640	371.720	371.680	29
30	371.120		370.970	371.010	371.120	371.200	371.400	371.440A	371.520A	371.650	371.720	371.680	30
31	371.120		370.970		371.120		371.410E	371.440A		371.700		371.670	31
MEAN	371.068	370.997	370.978	370.956	371.082	371.183	371.295	371.437	371.481	371.618	371.705	371.688	MEAN
MAX	371.120	371.110	371.020	371.010	371.130	371.230	371.410	371.500	371.570	371.700	371.740	371.720	MAX
MIN	371.040	370.980	370.950	370.940	371.030	371.090	371.150	371.410	371.380	371.550	371.680	371.670	MIN

SUMMARY FOR THE YEAR 1988

WATER LEVELS IN METRES

MEAN, 371.280
MAXIMUM DAILY, 371.740 ON NOV 16
MINIMUM DAILY, 370.940 ON APR 1

TYPE OF GAUGE - RECORDING
LOCATION - LAT 50 52 10 N
LONG 91 27 30 W
DATA CONTRIBUTED BY -
ONTARIO HYDRO

A - MANUAL GAUGE

E - ESTIMATED

REGULATED

WATER LEVELS ARE REFERRED TO GEODETIC SURVEY OF CANADA DATUM

LAKE ST. JOSEPH DIVERSION AT ROOT PORTAGE - STATION NO. 050800S

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1988

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	41.8	39.1	38.3	34.2	38.0	45.4	48.0	81.8	82.8	70.2	78.9	82.1	1
2	41.8	37.4	38.8	34.7	38.5	46.4	46.8	83.5	83.5	72.2	78.5	82.1	2
3	41.8	36.8	35.2	34.7	39.1	43.8	44.8	81.5	84.2	74.3	78.5	82.1	3
4	41.3	36.3	35.2	34.7	39.1	43.8	44.8	82.8	86.3	73.8	81.4	81.4	4
5	40.8	35.8	35.8	34.2	39.8	43.8	48.0	82.8	82.2	72.2	82.8	81.4	5
6	40.2	35.2	35.8	34.2	38.8	42.5	50.2	82.8	81.8	72.9	80.7	81.4	6
7	40.2	35.2	35.8	33.6	39.1	46.4	49.8	81.8	80.8	73.6	78.8	82.1	7
8	40.2	35.2	36.3	34.2	40.2	48.0	48.8	83.5	79.8	73.8	78.5	81.4	8
9	39.8	35.2	35.8	33.6	41.3	43.8	50.2	82.2	80.2	72.2	78.5	81.4	9
10	39.8	34.7	36.3	33.1	40.2	41.3	52.0	81.8	81.8	73.8	78.5	80.7	10
11	39.1	34.7	37.4	33.1	40.2	41.9	52.8	82.2	83.5	75.0	77.8	78.8	11
12	39.1	34.2	37.4	33.6	40.8	44.2	51.4	85.5	84.8	74.3	78.2	78.8	12
13	38.5	34.2	36.8	33.1	39.8	44.8	53.8	84.8	82.2	72.8	78.2	80.7	13
14	38.5	33.3	35.2	33.1	38.5	46.0	54.5	84.2	84.2	75.0	77.8	80.7	14
15	38.8	35.8	34.7	33.1	42.8	48.0	58.1	81.5	83.5	73.8	80.7	78.2	15
16	40.2	36.3	34.7	33.1	40.8	44.8	53.8	83.5	84.2	74.2	83.5	78.8	16
17	40.2	36.8	34.7	33.6	40.2	43.1	52.8	86.8	84.8	74.2	81.4	78.8	17
18	40.8	36.3	34.2	33.6	40.2	43.1	54.5	82.8	88.2	78.0	82.1	78.8	18
19	40.8	36.3	34.2	33.6	40.8	42.5	56.4	81.5	88.8	76.0	82.8	80.7	19
20	40.8	36.8	33.6	33.6	43.1	43.1	57.0	83.5	89.5	76.0	82.8	80.7	20
21	40.2	36.8	33.6	33.8	43.6	44.2	57.0	82.8	88.2	74.3	82.1	78.8	21
22	40.8	36.3	34.2	33.6	41.3	46.4	58.4	81.5	88.2	76.4	82.8	80.7	22
23	40.2	42.6	33.6	33.6	41.8	44.2	55.8	80.9	88.8	77.1	82.8	80.7	23
24	40.2	36.2	33.8	34.2	42.5	46.8	56.4	81.5	89.5	76.4	82.8	78.8	24
25	39.8	36.8	34.7	34.7	40.2	47.2	57.7	81.5	88.2	76.0	83.1	78.8	25
26	38.5	36.3	34.2	34.7	41.8	46.8	56.3	82.2	71.6	76.0	82.8	78.8	26
27	38.5	35.8	36.2	36.8	41.8	46.8	57.7	82.2	71.8	77.8	83.5	80.7	27
28	38.5	36.3	36.8	36.3	43.6	49.6	59.0	81.5	71.6	78.5	83.1	78.8	28
29	38.5	37.4	34.7	36.8	43.1	48.4	60.2	82.8	70.2	78.4	82.1	78.2	29
30	43.1		34.7	36.8	43.1	47.8	60.2	82.8	86.2	77.1	82.1	78.8	30
31	43.1		34.7		43.1		60.9	82.8		80.7		78.5	31
TOTAL	1 245.3	1 049.2	1 090.3	1 026.0	1 267.6	1 348.5	1 883.8	1 842.4	1 887.1	2 317.5	2 439.7	2 488.8	TOTAL
MEAN	40.2	36.2	35.2	34.2	40.8	45.0	53.7	82.7	85.6	74.8	81.0	80.5	MEAN
MAX	43.1	42.6	37.4	36.8	43.6	49.6	60.9	86.8	71.6	80.7	83.5	82.1	MAX
MIN	38.5	34.2	33.6	33.1	38.0	41.3	44.8	80.9	88.8	70.2	77.8	78.5	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 84.2
MAXIMUM DAILY, 83.5 ON NOV 18
MINIMUM DAILY, 33.1 ON APR 10

SUMMARY FOR THE YEAR 1988

TYPE OF GAUGE - RECORDING
LOCATION - LAT 50 52 10 N
LONG 91 27 30 W

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	108 000	JUL	144 000
FEB	90 700	AUG	158 000
MAR	94 200	SEP	170 000
APR	88 600	OCT	200 000
MAY	110 000	NOV	210 000
JUN	117 000	DEC	216 000

TOTAL DISCHARGE, 1 720 000 dam³

DATA CONTRIBUTED BY -
ONTARIO HYDRO

REGULATED

REMARKS - LAKE ST. JOSEPH HAS TWO OUTLETS. THIS DIVERSION CONTRIBUTES FLOW TO THE ENGLISH RIVER SYSTEM

LAKE ST. JOSEPH OUTFLOW TO ALBANY RIVER - STATION NO. 040A001

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1988

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	0	0	0	0	0	0	0	0	0	0	0	0	1
2	0	0	0	0	0	0	0	0	0	0	0	0	2
3	0	0	0	0	0	0	0	0	0	0	0	0	3
4	0	0	0	0	0	0	0	0	0	0	0	0	4
5	0	0	0	0	0	0	0	0	0	0	0	0	5
6	0	0	0	0	0	0	0	0	0	0	0	0	6
7	0	0	0	0	0	0	0	0	0	0	0	0	7
8	0	0	0	0	0	0	0	0	0	0	0	0	8
9	0	0	0	0	0	0	0	0	0	0	0	0	9
10	0	0	0	0	0	0	0	0	0	0	0	0	10
11	0	0	0	0	0	0	0	0	0	0	0	0	11
12	0	0	0	0	0	0	0	0	0	0	0	0	12
13	0	0	0	0	0	0	0	0	0	0	0	0	13
14	0	0	0	0	0	0	0	0	0	0	0	0	14
15	0	0	0	0	0	0	0	0	0	0	0	0	15
16	0	0	0	0	0	0	0	0	0	0	0	0	16
17	0	0	0	0	0	0	0	0	0	0	0	0	17
18	0	0	0	0	0	0	0	0	0	0	0	0	18
19	0	0	0	0	0	0	0	0	0	0	0	0	19
20	0	0	0	0	0	0	0	0	0	0	0	0	20
21	0	0	0	0	0	0	0	0	0	0	0	0	21
22	0	0	0	0	0	0	0	0	0	0	0	0	22
23	0	0	0	0	0	0	0	0	0	0	0	0	23
24	0	0	0	0	0	0	0	0	0	0	0	0	24
25	0	0	0	0	0	0	0	0	0	0	0	0	25
26	0	0	0	0	0	0	0	0	0	0	0	0	26
27	0	0	0	0	0	0	0	0	0	0	0	0	27
28	0	0	0	0	0	0	0	0	0	0	0	0	28
29	0	0	0	0	0	0	0	0	0	0	0	0	29
30	0		0	0	0	0	0	0	0	0	0	0	30
31	0		0		0		0	0		0		0	31
TOTAL	0	0	0	0	0	0	0	0	0	0	0	0	TOTAL
MEAN	0	0	0	0	0	0	0	0	0	0	0	0	MEAN
MAX	0	0	0	0	0	0	0	0	0	0	0	0	MAX
MIN	0	0	0	0	0	0	0	0	0	0	0	0	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 0
MAXIMUM DAILY, 0 ON JAN 1
MINIMUM DAILY, 0 ON JAN 1

SUMMARY FOR THE YEAR 1988

TYPE OF GAUGE - RECORDING
LOCATION - LAT N
LONG W

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	0	JUL	0
FEB	0	AUG	0
MAR	0	SEP	0
APR	0	OCT	0
MAY	0	NOV	0
JUN	0	DEC	0

TOTAL DISCHARGE, 0 dam³

DATA CONTRIBUTED BY -
ONTARIO HYDRO

REGULATED SINCE 1988

REMARKS - SUM OF FLOWS THROUGH CEDAR AND RAT RAPIDS DAMS

LAKE SUPERIOR AT GROS CAP - STATION NO. 02BF010

DAILY WATER LEVEL IN METRES FOR 1988

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	183.05	182.92	182.89	182.75	182.79	182.84	182.90	---	183.03	183.05	183.05	183.45	1
2	183.05	182.94	182.84	182.72	182.78	182.85	182.87	182.85	183.04	183.06	182.89	183.43	2
3	183.05	182.85	182.78	182.73	182.77	182.85	182.86	182.89	183.06	183.01	182.84	183.53	3
4	183.09	182.86	182.79	182.75	182.78	182.85	182.85	182.90	183.11	183.06	182.86	183.46	4
5	133.09	182.90	182.74	182.73	182.81	182.85	182.85	---	183.11	183.06	183.05	183.40	5
6	182.96	182.85	182.78	182.84	182.80	182.85	182.84	---	183.10	183.03	183.07	183.45	6
7	182.91	182.93	182.74	182.78	182.72	182.85	182.85	---	183.01	182.98	183.06	183.45	7
8	182.97	182.83	182.72	182.74	182.73	182.86	182.86	182.95	183.00	182.99	183.07	183.47	8
9	182.98	182.87	182.82	182.74	182.77	182.89	182.86	182.96	183.06	182.96	183.02	183.43	9
10	182.90	182.83	182.74	182.80	182.86	182.85	182.87	182.91	183.09	183.17	183.14	183.46	10
11	182.91	182.82	182.72	182.80	182.78	182.83	182.90	182.91	182.99	183.14	183.05	183.37	11
12	182.92	182.87	182.73	182.77	182.80	182.83	182.88	182.97	183.04	183.06	182.95	183.33	12
13	182.96	182.83	182.80	182.80	182.96	182.83	182.86	182.93	183.06	183.00	183.09	183.39	13
14	182.86	182.78	182.78	182.87	182.78	182.83	182.91	183.04	183.09	183.00	183.12	183.42	14
15	182.86	182.84	182.80	182.86	182.83	182.86	182.87	183.03	183.01	182.96	182.93	183.46	15
16	182.82	182.76	182.78	182.79	182.88	182.87	182.91	182.99	182.93	182.96	183.01	183.38	16
17	182.89	182.82	182.78	182.86	182.84	182.84	182.89	183.04	183.00	183.04	183.28	183.43	17
18	182.88	182.77	182.80	182.93	182.83	182.81	182.90	183.03	182.98	183.07	183.12	183.31	18
19	182.84	182.77	182.78	182.84	182.82	182.85	182.90	183.03	182.90	183.02	183.03	183.31	19
20	182.94	182.90	182.78	182.82	182.82	182.87	182.90	183.03	183.09	182.96	183.18	183.42	20
21	182.89	182.77	182.72	182.81	182.84	182.83	182.91	183.02	183.09	183.02	183.12	183.38	21
22	182.85	182.86	182.73	182.79	182.86	182.90	182.89	182.97	183.01	183.04	183.06	183.16	22
23	182.91	182.86	182.76	182.82	182.86	182.86	182.87	183.04	183.13	182.96	183.05	183.36	23
24	182.90	182.85	182.73	182.81	182.86	182.82	182.87	183.04	183.06	183.07	182.96	183.40	24
25	182.86	182.81	182.74	182.78	182.83	182.84	182.91	183.12	183.09	183.07	183.06	183.50	25
26	182.89	182.77	182.79	182.83	182.81	182.83	182.90	183.10	182.99	183.06	183.06	183.32	26
27	182.91	182.77	182.81	182.82	182.83	182.89	182.86	183.05	183.10	182.92	183.14	183.31	27
28	182.83	182.78	182.78	182.83	182.82	182.91	182.85	183.10	183.01	183.24	183.18	183.46	28
29	182.78	182.78	182.78	182.82	182.81	182.84	182.86	183.09	182.97	183.15	183.10	183.36	29
30	182.86		182.78	182.81	182.84	182.82	---	183.06	183.01	183.03	183.20	183.37	30
31	182.81		182.78		182.84		---	183.00		182.98		183.36	31
MEAN	182.92	182.83	182.78	182.80	182.82	182.86	---	---	183.04	183.04	183.07	183.40	MEAN
MAX	183.09	182.93	182.84	182.93	182.96	182.90	---	---	183.13	183.24	183.28	183.53	MAX
MIN	182.78	182.76	182.69	182.72	182.72	182.81	---	---	182.90	182.92	182.93	183.18	MIN

SUMMARY FOR THE YEAR 1988

WATER LEVELS IN METRES

MAXIMUM DAILY, 183.53 ON DEC 3
MINIMUM DAILY, 182.69 ON MAR 1
MAXIMUM INSTANTANEOUS,
183.75 AT 9:15 EST ON DEC 3

TYPE OF GAUGE - RECORDING
LOCATION - LAT 46 31 46 N
LONG 84 35 06 W
DATA CONTRIBUTED BY -
OCEAN SCIENCE AND SURVEYS (DFO) (CANADA)

WATER LEVELS ARE REFERRED TO INTERNATIONAL GREAT LAKES DATUM (1985)

REMARKS - DATA PUBLISHED AS RECEIVED. DATA PUBLISHED MONTHLY BY OCEAN SCIENCE AND SURVEYS AS STATION 10320 GROS CAP

LAKE SUPERIOR AT MICHIPICOTEN HARBOUR - STATION NO. 02BD004

DAILY WATER LEVEL IN METRES FOR 1988

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	182.96	182.88	182.89	182.72	182.75	182.78	182.83	182.84	183.00	183.00	182.96	183.06	1
2	182.93	182.80	182.77	182.71	182.76*	182.80	182.81	182.83	183.00	183.00	182.94	183.09	2
3	182.94	182.83	182.76	182.71	182.78	182.82	182.81	182.86	183.01	182.96	182.94	183.10	3
4	182.94	182.80	182.78	182.72	182.76	182.81	182.79	182.87	183.01	182.96	182.91	183.06	4
5	182.92	182.86	182.74	182.74	182.77	182.81	182.78	182.90	183.01	182.96	182.92	183.06	5
6	182.89	182.83	182.78	182.78	182.78	182.81	182.78	182.93	183.02	182.96	182.89	183.08	6
7	182.92	182.87	182.71	182.74	182.72	182.79	182.79	182.96	182.97	182.96	183.00	183.06	7
8	182.91	182.81	182.89	182.89	182.72	182.81	182.82	182.91	182.99	182.95	183.01	183.05	8
9	182.89	182.82	182.77	182.71	182.74	182.83	182.80	182.89	183.02	182.96	183.00	183.04	9
10	182.92	182.78	182.73	182.78	182.81	182.81	182.81	182.88	183.01	183.04	183.04	183.03	10
11	182.87	182.77	182.85	182.75	182.75	182.80	182.83	182.88	182.93	183.00	183.01	183.01	11
12	182.78	182.81	182.82	182.74	182.79	182.79	182.80	182.88	183.00	182.96	182.86	183.07	12
13	182.86	182.80	182.73	182.78	182.87	182.79	182.81	182.86	183.00	182.95	183.04	183.04	13
14	182.86	182.78	182.74	182.81	182.77	182.78	182.82	182.89	182.99	182.94	183.04	183.00	14
15	182.87	182.74	182.74	182.82	182.79	182.82	182.80	182.85	182.95	182.91	182.94	183.04	15
16	182.85	182.78	182.74	182.81	182.81	182.81	182.84	182.85	182.93	182.95	183.04	183.04	16
17	182.85	182.79	182.73	---	182.80	182.79	182.82	182.88	182.98	182.99	183.18	183.02	17
18	182.82	182.77	182.78	---	182.79	182.78	182.83	182.86	182.95	182.96	183.04	182.99	18
19	182.79	182.77	182.74	182.79	182.79	182.80	182.83	182.86	182.93	182.97	183.01	182.97	19
20	182.81	182.79	182.73	182.77	182.79	182.81	182.82	182.87	183.03	182.94	183.09	182.96	20
21	182.82	182.79	182.69	182.78	182.81	182.79	182.83	182.85	183.00	182.97	183.05	182.95	21
22	182.85	182.85	182.85	182.78	182.82	182.82	182.81	182.93	183.01	182.96	183.04	182.89	22
23	182.82	182.82	182.72	182.78	182.82	182.80	182.80	182.86	183.05	182.93	183.02	183.05	23
24	182.81	182.80	182.86	182.78	182.82	182.77	182.81	183.01	182.99	182.96	183.00	183.04	24
25	182.79	182.77	182.89	182.78	182.79	182.84	182.83	183.05	183.03	183.00	183.04	183.06	25
26	182.83	182.75	182.78	182.78	182.80	182.84	182.81	183.02	182.96	183.00	182.98	182.96	26
27	182.83	182.74	182.73	182.77	182.78	182.83	182.79	183.01	183.02	182.95	183.05	182.89	27
28	182.81	182.77	182.85	182.78	182.79	182.83	182.79	183.03	182.94	183.10	183.06	183.02	28
29	182.82	182.73	182.73	182.77	182.79	182.84	182.81	183.01	182.97	183.01	183.06	182.99	29
30	182.77		182.74	182.77	182.80	182.83	182.87	182.99	183.00	182.97	183.09	183.01	30
31	182.81		182.73		182.81		182.81	182.97		182.96		182.95	31
MEAN	182.86	182.78	182.73	---	182.78	182.81	182.81	182.94	182.99	182.96	183.01	183.03	MEAN
MAX	182.96	182.87	182.77	---	182.87	182.84	182.87	183.05	183.05	183.10	183.18	183.10	MAX
MIN	182.77	182.73	182.62	---	182.72	182.78	182.78	182.83	182.93	182.91	182.91	182.89	MIN

SUMMARY FOR THE YEAR 1988

WATER LEVELS IN METRES

MAXIMUM DAILY, 183.18 ON NOV 17
MINIMUM DAILY, 182.62 ON MAR 12
MAXIMUM INSTANTANEOUS,
183.28 AT 12:00 EST ON AUG 15

TYPE OF GAUGE - RECORDING
LOCATION - LAT 47 57 44 N
LONG 84 54 02 W
DATA CONTRIBUTED BY -
OCEAN SCIENCE AND SURVEYS (DFO) (CANADA)

WATER LEVELS ARE REFERRED TO INTERNATIONAL GREAT LAKES DATUM (1985)

REMARKS - DATA PUBLISHED AS RECEIVED. DATA PUBLISHED MONTHLY BY OCEAN SCIENCE AND SURVEYS AS STATION 10780 MICHIPICOTEN

LAKE SUPERIOR AT ROSSPORT - STATION NO. 02BA004

DAILY WATER LEVEL IN METRES FOR 1988

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	182.87	182.78	182.72	182.88	182.73	182.78	182.78	182.80	183.00	---	182.90	---	1
2	182.88	182.77	182.68	182.88	182.72	182.78	182.80	182.82	182.98	---	182.83	---	2
3	182.90	182.77	182.70	182.89	182.73	182.79	182.78	182.84	182.97	---	182.94	---	3
4	182.85	182.75	182.70	182.70	182.73	182.79	182.79	182.84	182.97	---	182.89	---	4
5	182.84	182.78	182.72	182.71	182.73	182.80	182.79	182.88	182.98	---	182.88	---	5
6	182.85	182.76	182.70	182.71	182.72	182.80	182.78	182.87	182.98	---	182.84	183.04	6
7	182.86	182.75	182.68	182.72	182.73	182.76	182.78	182.87	182.97	---	182.88	183.01	7
8	182.83	182.75	182.70	182.70	182.74	182.77	182.80	182.86	182.98	---	183.00	183.01	8
9	182.84	182.73	182.69	182.72	182.74	182.78	182.78	182.88	182.98	---	182.98	183.00	9
10	182.87	182.75	182.69	182.75	182.75	182.80	182.80	182.88	182.95	---	182.87	182.99	10
11	182.81	182.73	182.64	182.74	182.74	182.80	182.78	182.88	182.83	---	183.00	183.00	11
12	182.76	182.73	182.62	182.74	182.75	182.76	182.78	182.87	182.88	---	183.00	183.08	12
13	182.81	182.74	182.65	182.74	182.76	182.77	182.81	182.88	182.88	---	183.01	182.98	13
14	182.84	182.73	182.67	182.73	182.76	182.78	182.80	182.94	182.84	---	183.00	---	14
15	182.83	182.71	182.66	182.74	182.77	182.80	182.78	182.93	182.93	---	182.98	---	15
16	182.86	182.76	182.68	182.76	182.77	182.78	182.80	182.83	182.85	---	183.08	182.88	16
17	182.83	182.74	182.70	182.74	182.77	182.78	182.78	182.84	182.86	---	183.08	182.88	17
18	182.80	182.74	182.66	182.73	182.77	182.79	182.80	182.85	182.84	---	183.02	183.00	18
19	182.81	182.73	182.66	182.75	182.77	182.81	182.81	182.86	182.87	---	183.04	182.85	19
20	182.74	182.69	182.67	182.74	182.77	182.80	182.80	182.86	182.89	---	183.02	182.85	20
21	182.80	182.76	182.67	182.75	182.77	182.78	182.78	182.85	182.89	---	183.04	182.88	21
22	182.81	182.74	182.68	182.74	182.78	182.78	182.78	182.88	183.00	---	183.04	183.00	22
23	182.77	182.73	182.68	182.74	182.78	182.78	182.78	183.01	183.00	---	183.04	183.03	23
24	182.75	182.72	182.66	182.73	182.78	182.78	182.80	183.00	182.98	---	183.04	183.00	24
25	182.75	182.72	182.72	182.74	182.78	182.80	182.80	183.00	182.97	---	183.06	182.89	25
26	182.76	182.71	182.69	182.73	182.78	182.80	182.78	182.98	182.97	---	183.00	182.85	26
27	182.76	182.70	182.68	182.73	182.78	182.81	182.78	183.00	182.97	---	183.01	183.00	27
28	182.78	182.71	182.69	182.74	182.78	182.78	182.80	182.89	182.96	---	183.03	182.96	28
29	182.81	182.68	182.72	182.73	182.78	182.80	182.82	182.87	182.98	---	183.06	182.87	29
30	182.76		182.70	182.74	182.80	182.78	182.81	182.96	183.00	---	183.03	182.96	30
31	182.77		182.68		182.78		182.80	182.96		---		182.95	31
MEAN	182.82	182.74	182.68	182.73	182.76	182.78	182.80	182.93	182.97	---	183.00	---	MEAN
MAX	182.90	182.78	182.72	182.78	182.80	182.81	182.82	183.01	183.00	---	183.09	---	MAX
MIN	182.74	182.68	182.62	182.88	182.72	182.76	182.78	182.80	182.93	---	182.89	---	MIN

SUMMARY FOR THE YEAR 1988

WATER LEVELS IN METRES

MAXIMUM DAILY, 183.08 ON NOV 16
MINIMUM DAILY, 182.62 ON MAR 12
MAXIMUM INSTANTANEOUS,
183.28 AT 8:50 EST ON DEC 27

TYPE OF GAUGE - RECORDING
LOCATION - LAT 48 50 02 N
LONG 87 31 10 W
DATA CONTRIBUTED BY -
OCEAN SCIENCE AND SURVEYS (DFO) (CANADA)

WATER LEVELS ARE REFERRED TO INTERNATIONAL GREAT LAKES DATUM (1985)

REMARKS - DATA PUBLISHED AS RECEIVED. DATA PUBLISHED MONTHLY BY OCEAN SCIENCE AND SURVEYS AS STATION 10220 ROSSPORT

LAKE SUPERIOR AT THUNDER BAY - STATION NO. 02AB016

DAILY WATER LEVEL IN METRES FOR 1988

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	182.81	182.84	182.81	182.78	182.82	182.88	182.88	182.89	183.08	183.04	182.98	183.11	1
2	182.86	182.86	182.78	182.78	182.82	182.88	182.89	182.92	183.08	183.03	183.02	183.12	2
3	182.93	182.88	182.76	182.78	182.82	182.88	182.90	182.92	183.04	183.06	183.01	183.06	3
4	182.86	182.83	182.77	182.78	182.83	182.89	182.90	182.93	183.03	183.01	182.98	183.08	4
5	182.86	182.82	182.78	182.78	182.81	182.86	182.89	182.86	183.04	183.04	182.98	183.10	5
6	182.80	182.83	182.77	182.78	182.81	182.86	182.81	182.93	183.04	183.05	183.02	183.08	6
7	182.93	182.82	182.77	182.80	182.86	182.87	182.90	182.95	183.06	183.05	183.06	183.07	7
8	182.88	182.84	182.78	182.83	182.86	182.87	182.88	182.84	183.06	183.04	183.06	183.08	8
9	182.90	182.81	182.77	182.83	182.84	182.87	182.90	182.95	183.03	183.05	183.07	183.06	9
10	182.81	182.82	182.78	182.81	182.82	182.86	182.86	182.96	183.02	182.96	183.03	183.04	10
11	182.88	182.82	182.78	182.83	182.84	182.88	182.87	182.96	183.04	182.97	183.07	183.07	11
12	182.84	182.80	182.78	182.83	182.84	182.88	182.88	182.95	183.03	183.00	183.10	183.11	12
13	182.88	182.82	182.75	182.80	182.82	182.87	182.88	182.97	183.02	183.03	183.07	183.07	13
14	182.92	182.83	182.76	182.78	182.87	182.88	182.88	183.00	183.01	183.01	183.06	183.03	14
15	182.91	182.80	182.78	182.80	182.86	182.87	182.90	183.01	183.02	183.02	183.11	183.04	15
16	182.84	182.84	182.77	182.85	182.85	182.87	182.89	183.01	183.04	183.01	183.14	183.05	16
17	182.90	182.82	182.78	182.78	182.86	182.88	182.90	183.04	183.03	183.01	183.05	183.04	17
18	182.89	182.83	182.76	182.78	182.87	182.88	182.89	183.04	183.03	183.01	183.10	183.08	18
19	182.90	182.82	182.76	182.82	182.87	182.88	182.88	183.03	183.07	183.01	183.13	183.06	19
20	182.83	182.77	182.78	182.81	182.87	182.87	182.88	183.03	183.04	183.03	183.07	183.03	20
21	182.88	182.83	182.77	182.82	182.86	182.88	182.88	183.04	183.06	183.00	183.11	183.08	21
22	182.89	182.80	182.78	182.82	182.86	182.86	182.88	183.06	183.07	183.01	183.12	183.12	22
23	182.86	182.79	182.76	182.81	182.86	182.87	182.88	183.08	183.06	183.02	183.12	183.08	23
24	182.86	182.78	182.77	182.81	182.86	182.91	182.88	183.06	183.07	183.00	183.14	183.04	24
25	182.86	182.80	182.82	182.83	182.86	182.86	182.86	183.01	183.06	182.99	183.12	183.01	25
26	182.86	182.80	182.76	182.81	182.86	182.86	182.80	183.06	183.08	183.00	183.11	183.06	26
27	182.85	182.80	182.76	182.81	182.86	182.86	182.86	183.08	183.06	183.06	183.08	183.08	27
28	182.86	182.79	182.82	182.82	182.86	182.86	182.91	183.04	183.08	182.94	183.11	183.02	28
29	182.89	182.78	182.80	182.81	182.89	182.87	182.89	183.04	183.07	182.97	183.13	183.05	29
30	182.85		182.78	182.82	182.86	182.86	182.89	183.08	183.07	183.02	183.08	183.03	30
31	182.85		182.77		182.89		182.91	183.06		183.01		183.04	31
MEAN	182.89	182.81	182.77	182.81	182.86	182.86	182.89	183.00	183.05	183.01	183.07	183.06	MEAN
MAX	182.93	182.86	182.83	182.85	182.89	182.91	182.91	183.08	183.08	183.06	183.14	183.12	MAX
MIN	182.83	182.77	182.75	182.78	182.81	182.86	182.86	182.89	183.01	182.94	182.98	183.01	MIN

SUMMARY FOR THE YEAR 1988

WATER LEVELS IN METRES

MEAN, 182.93
MAXIMUM DAILY, 183.14 ON NOV 16
MINIMUM DAILY, 182.75 ON MAR 13
MAXIMUM INSTANTANEOUS,
183.28 AT 18:15 EST ON DEC 22

TYPE OF GAUGE - RECORDING
LOCATION - LAT 48 24 34 N
LONG 88 13 01 W
DATA CONTRIBUTED BY -
OCEAN SCIENCE AND SURVEYS (DFO) (CANADA)

WATER LEVELS ARE REFERRED TO INTERNATIONAL GREAT LAKES DATUM (1985)

REMARKS - DATA PUBLISHED AS RECEIVED. DATA PUBLISHED MONTHLY BY OCEAN SCIENCE AND SURVEYS AS STATION 10050 THUNDER BAY

LAKE TIMISKAMING AT HAILEYBURY - STATION NO. 02JE011

DAILY WATER LEVEL IN METRES FOR 1988

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	4.884	3.815	1.914	1.593	4.945	5.227	5.183	4.723	5.370	5.144	5.185	5.222	1
2	4.868	3.775	1.878	1.632	5.002	5.203	5.182	4.702	5.377	5.184	5.183	5.237	2
3	4.852	3.722	1.824	1.683	5.033	5.214	5.148	4.684	5.367	5.242	5.187	5.231	3
4	4.837	3.607	1.786	1.795	5.044	5.237	5.133	4.674	5.327	5.267	5.177	5.227	4
5	4.834	3.469	1.744	1.970	5.035	5.247	5.132	4.660	5.269	5.276	5.158	5.236	5
6	4.787	3.386	1.715	2.170	5.013	5.255	5.140	4.676	5.288	5.288	5.178	5.237	6
7	4.781	3.384	1.673	2.410	4.987	5.258	5.148	4.680	5.255	5.287	5.203	5.231	7
8	4.762	3.214	1.655	2.649	4.969	5.261	5.135	4.705	5.237	5.292	5.217	5.234	8
9	4.738	3.145	1.644	2.850	4.926	5.258	5.127	4.724	5.213	5.285	5.238	5.219	9
10	4.722	3.062	1.624	3.050	4.898	5.264	5.119	4.759	5.173	5.244	5.248	5.187	10
11	4.701	3.022	1.591	3.225	4.887	5.268	5.113	4.781	5.124	5.222	5.278	5.173	11
12	4.691	2.984	1.564	3.358	4.902	5.280	5.110	4.803	5.087	5.208	5.284	5.158	12
13	4.672	2.897	1.538	3.522	4.941	5.310	5.108	4.833	5.057	5.200	5.280	5.144	13
14	4.664	2.827	1.526	3.680	4.990	5.346	5.089	4.873	5.024	5.201	5.278	5.128	14
15	4.636	2.767	1.511	3.885	5.029	5.370	5.062	4.894	4.991	5.183	5.278	5.107	15
16	4.605	2.708	1.488	4.083	5.045	5.385	5.070	4.924	4.969	5.164	5.284	5.088	16
17	4.581	2.653	1.477	.218	5.068	5.363	5.052	4.894	4.971	5.144	5.306	5.073	17
18	4.511	2.594	1.472	4.312	5.084	5.336	5.037	5.047	4.976	5.191	5.322	5.053	18
19	4.474	2.534	1.455	4.403	5.073	5.326	5.020	5.102	4.976	5.308	5.312	5.040	19
20	4.436	2.451	1.436	4.444	5.080	5.336	5.001	5.147	4.988	5.377	5.298	5.058	20
21	4.404	2.383	1.431	4.444	5.085	5.327	4.977	5.171	4.980	5.416	5.271	5.068	21
22	4.382	2.346	1.418	4.425	5.136	5.322	4.961	5.208	4.985	5.420	5.256	5.068	22
23	4.307	2.277	1.412	4.463	5.183	5.297	4.936	5.245	4.988	5.393	5.238	5.087	23
24	4.246	2.227	1.412	4.486	5.218	5.281	4.910	5.272	4.988	5.376	5.227	5.088	24
25	4.198	2.173	1.431	4.537	5.250	5.283	4.884	5.300	4.997	5.360	5.218	5.068	25
26	4.135	2.128	1.445	4.588	5.251	5.285	4.880	5.328	4.998	5.330	5.203	5.033	26
27	4.088	2.088	1.447	4.584	5.233	5.254	4.836	5.348	5.026	5.297	5.197	5.044	27
28	4.031	2.003	1.443	4.762	5.237	5.233	4.820	5.369	5.041	5.274	5.195	5.041	28
29	3.978	1.950	1.460	4.824	5.244	5.208	4.807	5.358	5.079	5.280	5.200	5.034	29
30	3.918		1.504	4.890	5.245	5.194	4.781	5.358	5.109	5.231	5.209	5.037	30
31	3.888		1.556		5.243		4.748	5.384		5.202		5.033	31
MEAN	4.502	2.808	1.584	3.589	5.073	5.280	5.030	4.981	5.106	5.267	5.237	5.123	MEAN
MAX	4.884	3.815	1.914	4.890	5.251	5.370	5.183	5.384	5.377	5.420	5.322	5.237	MAX
MIN	3.888	1.950	1.412	1.593	4.887	5.194	4.748	4.660	4.969	5.144	5.158	5.033	MIN

SUMMARY FOR THE YEAR 1988

WATER LEVELS IN METRES

MEAN, 4.487
MAXIMUM DAILY, 5.420 ON OCT 22
MINIMUM DAILY, 1.412 ON MAR 23
MAXIMUM INSTANTANEOUS,
5.432 AT 23:20 EST ON OCT 21

TYPE OF GAUGE - RECORDING
LOCATION - LAT 47 27 02 N
LONG 79 37 50 W

REGULATED SINCE 1910

WATER LEVELS ARE REFERRED TO ASSUMED DATUM
APPLY 174.041 m ADJUSTMENT TO CONVERT TO GEODETIC SURVEY OF CANADA DATUM

REMARKS - STATION FORMERLEY CALLED OTTAWA RIVER AT LAKE TIMISKAMING

LARDER RIVER ABOVE RAVEN LAKE - STATION NO. 02JC010

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1988

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	1.46	1.70	1.58	8.35	16.8	1.78	1.64	0.863	1.74E	1.36	5.89	6.37	1
2	1.45	1.65	1.61	8.15	16.8	1.69	1.64	0.845	1.70E	1.64	5.71	6.13	2
3	1.47	1.63	1.63	8.11	16.8	1.70	1.64	0.940	1.69E	1.60	5.52	6.13	3
4	1.48	1.60	1.49	8.32	16.3	1.73	1.65	1.08	1.65E	1.59	5.42	5.95	4
5	1.47	1.52	1.47	7.12	15.8	1.72	1.60	1.20	1.65E	1.60	5.48	5.72	5
6	1.40	1.52	1.43	8.14	15.1	2.10	1.66	1.20	1.62E	1.60	5.73	5.82	6
7	1.38	1.52	1.44	9.82	14.2	2.50	1.67	1.26	1.59E	1.52	6.10	5.47	7
8	1.40	1.50	1.43	11.8	13.3	2.43	1.69	1.30 E	1.58E	1.50	6.25	5.11	8
9	1.40	1.47	1.47	12.3	12.7	2.26	1.63	1.28 E	1.56E	1.53	6.24	4.90	9
10	1.43	1.48	1.46	13.1	13.0	2.18	1.64	1.20 E	1.56E	1.55	6.35	4.82	10
11	1.45	1.45	1.41	13.7	7.48	2.11	1.49	1.17 E	1.47E	1.85	6.40	4.27	11
12	1.41	1.49	1.40	14.1	1.21	2.10	1.41	1.15 E	1.40E	1.87	6.38	4.10	12
13	1.46	1.52	1.38	14.7	1.34	2.07	1.31	1.18 E	1.30E	1.83	6.34	4.04	13
14	1.47	1.49	1.42	16.7	1.33	2.07	1.39	1.30 E	1.25	1.84	6.38	4.10	14
15	1.46	1.56	1.44	18.3	1.39	2.01	1.32	1.50 E	1.18	1.87	6.36	4.10	15
16	1.51	1.61	1.38	16.7	1.52	1.98	1.26	1.70 E	1.14	1.88	6.24	4.15	16
17	1.51	1.62	8.98	16.7	1.50	1.80	1.27	1.63 E	1.15	1.71	6.58	4.03	17
18	1.53	1.62	12.9	16.6	1.57	1.80	1.32	1.56 E	1.16	2.24	6.80	3.94	18
19	1.50	1.62	11.9	16.1	1.60	1.78	1.27	1.67 E	1.16	3.77	6.58	3.87	19
20	1.48	1.64	10.9	17.4	1.64	1.81	1.24	1.84 E	1.19	5.50	6.67	3.95	20
21	1.50	1.64	10.1	16.6	1.68	1.74	1.22	1.93 E	1.21	6.62	6.80	3.78	21
22	1.48	1.61	9.36	16.0	1.70	1.70	1.21	1.80 E	1.21	6.56	6.37	3.75	22
23	1.55	1.61	8.83	15.5	1.63	1.75	1.07	1.64 E	1.24	6.48	6.20	3.72	23
24	1.59	1.60	8.23	15.5	1.61	1.66	1.14	1.60 E	1.22	6.33	6.04	3.72	24
25	1.64	1.61	7.76	15.2	1.58	1.67	1.14	1.65 E	1.24	6.24	5.78	3.82	25
26	1.61	1.58	7.48	15.8	1.62	1.61	1.08	1.68 E	1.21	6.16	5.73	3.70	26
27	1.58	1.56	7.10	15.8	1.60	1.58	1.04	1.68 E	1.23	5.98	5.83	3.64	27
28	1.59	1.60	8.74	15.8	1.62	1.75	1.02	1.65 E	1.26	5.84	6.23	3.51	28
29	1.57	1.59	8.52	16.4	1.66	1.72	0.976	1.62 E	1.24	5.69	6.37	3.44	29
30	1.59		8.63	16.6	1.68	1.66	0.979	1.60 E	1.19	5.67	6.32	3.20	30
31	1.63		8.60		1.60		1.02	1.78 E		5.76		3.15	31
TOTAL	46.42	45.83	191.06	416.01	189.48	58.83	41.457	47.228	41.06	107.34	184.58	135.81	TOTAL
MEAN	1.50	1.57	6.67	13.8	6.11	1.88	1.34	1.52	1.37	3.46	6.15	4.38	MEAN
MAX	1.64	1.70	12.9	18.7	16.8	2.50	1.67	1.88	1.74	6.62	6.80	6.37	MAX
MIN	1.38	1.48	1.38	8.11	1.21	1.58	0.976	0.845	1.14	1.36	5.42	3.15	MIN

SUMMARY FOR THE YEAR 1988

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 3.69
MAXIMUM DAILY, 18.7 ON APR 16
MINIMUM DAILY, 0.845 ON AUG 2
MAXIMUM INSTANTANEOUS,
18.9 AT 14:30 EST ON APR 16

TYPE OF GAUGE - RECORDING
LOCATION - LAT 48 01 38 N
LONG 78 34 41 W
DRAINAGE AREA, 258 km²

E - ESTIMATED
REGULATED

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	4 010	JUL	3 580
FEB	3 940	AUG	4 080
MAR	13 100	SEP	3 550
APR	35 900	OCT	9 270
MAY	16 400	NOV	15 900
JUN	4 910	DEC	11 700

TOTAL DISCHARGE, 126 000 dam³

LAUREL CREEK AT WATERLOO - STATION NO. 02GA024

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1988

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	0.262	1.86	0.278	0.873	0.296	0.131	0.023	0.951	0.050	0.055	0.857	0.515	1
2	0.243	1.10	0.384	0.858	0.269	0.100	0.023	0.278	0.056	0.872	0.841	0.380	2
3	0.232	0.838	0.327	1.63	0.229	0.095	0.024	0.318	4.38	0.182	1.02	0.256	3
4	0.241	1.13	0.286	1.56	0.254	0.079	0.026	0.520	1.91	0.246	1.02	0.305	4
5	0.406	0.921	0.309	1.17	0.212	0.078	0.028	0.207	1.54	0.238	1.83	0.286	5
6	0.330	0.630	0.374	1.09	0.226	0.069	0.028	0.084	0.430	0.193	1.23	0.186	6
7	0.152	0.373	0.538	1.00	0.195	0.073	0.027	0.066	0.354	0.175	1.08	0.189	7
8	0.186	0.439	0.836	0.923	0.177	0.073	0.028	0.067	0.240	0.172	1.44	0.239	8
9	0.177	0.548	2.17	0.578	0.201	0.067	0.026	0.144	0.203	0.185	1.08	0.1818	9
10	0.172	0.438	1.30	0.533	0.084	0.067	0.026	0.196	0.176	0.763	2.11	0.1488	10
11	0.182	0.317	1.42	0.487	0.078	0.048	0.234	0.303	0.170	0.857	1.24	0.2708	11
12	0.172	0.321	1.27	0.182	0.063	0.048	0.044	0.118	0.180	0.403	1.06	0.1468	12
13	0.206	0.282	1.21	0.186	0.072	0.048	0.036	0.091	0.248	0.355	2.31	0.1518	13
14	0.1908	0.314	1.07	0.270	0.058	0.035	0.031	0.125	0.116	0.312	1.27	0.190	14
15	0.1708	0.858	0.976	0.298	0.818	0.043	0.026	0.186	0.082	0.264	1.14	0.170	15
16	0.158	0.598	0.933	0.285	0.510	0.025	0.412	0.051	0.085	0.237	1.12	0.044	16
17	0.845	0.581	0.785	0.228	0.331	0.024	1.07	0.076	0.148	0.318	0.907	0.147	17
18	1.72	0.506	0.597	0.330	0.453	0.022	0.034	0.058	0.118	0.852	0.816	0.155	18
19	0.784	0.469	0.423	0.192	0.444	0.023	0.023	0.047	0.288	0.321	0.642	0.155	19
20	1.89	0.426	0.376	0.303	0.491	0.027	0.022	0.038	0.388	0.318	1.33	0.850	20
21	1.24	0.388	0.310	0.323	0.591	0.029	0.058	0.033	0.051	0.534	1.31	0.486	21
22	0.788	0.578	0.348	0.186	0.447	0.034	0.036	0.032	0.088	0.776	1.01	0.282	22
23	0.560	0.682	1.30	0.485	0.412	0.032	0.123	0.047	0.347	0.773	0.878	0.846	23
24	0.418	0.487	2.70 E	0.227	0.358	0.023	0.045	0.582	0.088	0.935	0.891	0.481	24
25	0.340	0.418	5.00 E	0.220	0.287	0.025	0.026	0.327	0.055	0.888	0.898	0.374	25
26	0.287	0.402	2.60 E	0.248	0.494	0.024	0.026	0.191	0.055	0.804	0.803	0.254	26
27	0.250	0.335	1.31 A	0.275	0.235	0.035	0.025	0.017	0.068	0.581	0.857	1.13	27
28	0.228	0.302	1.16	0.212	0.186	0.025	0.025	0.018	0.091	0.976	0.858	2.06	28
29	0.220	0.282	1.16	0.348	0.160	0.025	0.025	0.023	0.050	0.707	0.701	0.872	29
30	0.648		1.11	0.301	0.151	0.026	4.16	0.027	0.053	0.648	0.557	0.694	30
31	2.10		1.03		0.142		0.557	0.053		0.615		0.601	31
TOTAL	15.643	15.658	34.202	15.110	8.954	1.444	7.310	4.862	12.143	15.396	32.048	12.793	TOTAL
MEAN	0.505	0.574	1.10	0.537	0.288	0.048	0.236	0.157	0.405	0.497	1.07	0.413	MEAN
MAX	2.10	1.58	5.00	1.83	0.818	0.131	4.16	0.582	4.38	0.976	2.31	2.06	MAX
MIN	0.152	0.282	0.278	0.182	0.058	0.022	0.022	0.018	0.050	0.055	0.558	0.044	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 0.485
MAXIMUM DAILY, 5.00E ON MAR 25
MINIMUM DAILY, 0.018 ON AUG 28
MAXIMUM INSTANTANEOUS,
34.8 AT 17:40 EST ON JUL 30

SUMMARY FOR THE YEAR 1988

TYPE OF GAUGE - RECORDING
LOCATION - LAT 43 28 08 N
LONG 80 31 08 W
DRAINAGE AREA, 58.8 km²
A - MANUAL GAUGE
B - ICE CONDITIONS
E - ESTIMATED
REGULATED

MONTHLY TOTAL DISCHARGE
IN CUBIC DECAMETRES

JAN	1 350	JUL	632
FEB	1 440	AUG	420
MAR	2 950	SEP	1 050
APR	1 390	OCT	1 330
MAY	774	NOV	2 770
JUN	125	DEC	1 110

TOTAL DISCHARGE, 15 400 dam³

LITTLE CURRENT RIVER AT PERCY LAKE - STATION NO. 04JF001

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1988

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	19.28	10.8 B	8.558	9.058	28.8	128	98.2	57.3	58.7	110	86.08	74.58	1
2	18.88	10.7 B	8.508	9.208	34.2	123	95.3	56.0	57.8	110	85.08	73.08	2
3	18.48	10.6 B	8.478	9.408	40.8	120	94.0	55.3	58.3	109	84.08	71.88	3
4	18.08	10.4 B	8.438	9.658	48.6	117	92.3	53.8	58.8	108	83.08	70.48	4
5	17.88	10.3 B	8.408	9.908	56.8	113	90.0	52.4	59.4	107	81.8	69.08	5
6	17.28	10.2 B	8.408	10.1 B	64.2	108	90.7	53.2	59.8	105	80.58	67.88	6
7	16.88	10.1 B	8.408	10.3 B	70.7	105	90.0	53.3	60.5	104	89.58	66.88	7
8	16.48	10.0 B	8.408	10.7 B	75.8	102	89.0	52.8	60.9	102	87.58	66.58	8
9	16.18	9.908	8.408	11.1 B	81.7	97.5	87.4	51.8	62.2	100	86.08	64.28	9
10	15.78	9.808	8.408	11.4 B	90.4	93.4	85.6	51.3	62.0	99.1	84.58	63.08	10
11	15.38	9.708	8.358	11.8 B	97.8	88.9	82.8	50.3	61.6	97.4	83.08	61.88	11
12	15.08	9.608	8.358	12.3 B	105	86.3	80.2	49.3	86.5	96.7	81.08	60.58	12
13	14.88	9.508	8.358	12.8 B	113	83.6	78.5	48.5	89.2	93.7	79.58	59.58	13
14	14.58	9.458	8.358	13.2 B	119	81.1	77.8	50.0	72.5	91.7	78.1	58.58	14
15	14.18	9.408	8.358	13.7 B	124	80.7	76.8	52.5	76.1	89.6	76.8	57.78	15
16	13.88	9.308	8.358	14.1 B	130	80.3	75.8	53.8	76.8	88.5	77.58	56.58	16
17	13.68	9.208	8.358	14.3 B	134	79.7	74.4	54.6	78.0	91.8	78.58	55.58	17
18	13.48	9.158	8.358	14.8 B	137	79.8	72.7	55.1	78.0	94.4	81.1	54.88	18
19	13.18	9.108	8.358	14.8 B	139	80.6	71.6	55.1	80.1	96.9	82.8	53.88	19
20	12.88	9.058	8.358	15.0 B	139	81.8	70.3	55.2	85.9	99.3	83.5	52.58	20
21	12.68	9.008	8.358	15.4 B	140	82.3	69.0	54.9	80.8	101	83.8	51.58	21
22	12.48	8.908	8.358	15.9 B	141	83.6	67.7	54.3	86.0	102	83.8	50.58	22
23	12.28	8.858	8.358	16.4 B	141	83.8	66.4	54.2	101	102	83.3	49.58	23
24	12.08	8.808	8.358	17.0 B	139	84.8	65.0	54.2	103	102	82.7	48.58	24
25	11.88	8.758	8.408	17.6 B	137	87.9	64.9	54.7	106	102	81.8	47.58	25
26	11.78	8.708	8.408	18.4 B	135	91.3	64.0	54.9	107	102	81.3	46.58	26
27	11.68	8.858	8.458	19.3 B	132	94.4	63.0	55.1	108	101	78.58	45.78	27
28	11.48	8.858	8.508	20.4 B	130	96.2	61.8	55.4	110	101 B	78.08	44.58	28
29	11.38	8.808	8.808	22.8	129	96.6	61.1	55.8	111	100 B	77.08	44.08	29
30	11.18		8.708	25.3	128	96.8	60.3	55.8	111	99.08	76.08	43.48	30
31	11.08		8.658		128		58.8	56.1		97.58		42.88	31
TOTAL	443.7	276.06	261.18	426.10	3 312.2	2 827.6	2 373.5	1 667.1	2 384.8	3 102.6	2 518.6	1 771.5	TOTAL
MEAN	14.3	9.49	8.43	14.2	107	94.3	76.6	53.8	79.5	100	84.0	57.1	MEAN
MAX	19.2	10.8	8.86	25.3	141	128	98.2	57.3	111	110	86.0	74.5	MAX
MIN	11.0	8.60	8.35	9.06	28.8	78.7	58.8	48.8	56.7	86.6	76.0	42.8	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 58.4
MAXIMUM DAILY, 141 ON MAY 22
MINIMUM DAILY, 8.358 ON MAR 11
MAXIMUM INSTANTANEOUS,
146 AT 17:20 EST ON MAY 22

SUMMARY FOR THE YEAR 1988

TYPE OF GAUGE - RECORDING
LOCATION - LAT 50 38 30 N
LONG 66 31 55 W
DRAINAGE AREA, 8 360 km²

B - ICE CONDITIONS

NATURAL FLOW

MONTHLY TOTAL DISCHARGE
IN CUBIC DECAMETRES

JAN	38 300	JUL	205 000
FEB	23 800	AUG	144 000
MAR	22 600	SEP	205 000
APR	35 800	OCT	286 000
MAY	285 000	NOV	216 000
JUN	244 000	DEC	153 000

TOTAL DISCHARGE, 1 850 000 dam³

LITTLE DON RIVER AT DON MILLS - STATION NO. 02HC029

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1988

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	0.812	2.30 E	0.739	1.08	1.02 E	0.636	0.470	0.656	0.485	0.884	0.645	0.648	1
2	0.777	1.60 E	1.11	1.03	0.980E	0.614	0.484	0.648	0.473	5.24	0.641	0.638	2
3	0.751	1.00 E	1.07	5.73	0.860E	1.08	0.488	0.635	1.72	1.23	0.613	0.636	3
4	0.708	0.900B	0.827	5.54	0.840E	0.708	0.488	0.626	11.4	4.09	0.788	0.610	4
5	0.640B	0.800B	1.32	2.00	0.920E	0.648	0.509	0.638	1.88	1.21	4.61	0.805	5
6	0.601B	0.820B	2.71	1.61	0.920E	0.698	0.512	0.683	0.730	0.880	2.35	0.838	6
7	0.600B	0.780B	4.90	1.47	0.840E	0.688	0.505	0.643	0.681	1.53	1.00	0.697	7
8	0.620B	0.850B	3.54	1.42	0.800E	0.682	0.482	0.680	0.841	1.38	2.58	0.617	8
9	0.600B	0.860B	4.67	1.11	0.840E	0.533	0.503	0.680	0.818	0.873	1.07	0.587	9
10	0.580B	0.880B	3.33	1.03	0.980E	0.534	0.473	0.686	0.612	1.48	2.70	0.642	10
11	0.582B	0.801B	2.38	1.02	0.840E	0.528	0.783	0.882	0.602	0.880	1.00	0.5518	11
12	0.600B	0.840E	1.70	0.967	0.860E	0.520	0.653	0.527	0.488	0.704	0.885	0.9788	12
13	0.680B	0.930E	1.78	0.952	0.813E	0.490	0.488	0.481	0.928	0.648	5.86	1.01 B	13
14	0.530B	0.940E	1.36	3.78	0.718	0.488	0.535	0.594	0.488	0.581	1.38	0.9528	14
15	0.608B	3.70 E	0.841	1.61	2.31	0.507	0.506	0.798	0.484	0.580	0.941	1.22	15
16	0.560B	2.90 E	0.852	0.978	5.89	0.599	1.16	0.526	0.458	0.832	1.03	0.800	16
17	1.48 E	1.48 E	0.926	1.04	1.52	0.473	2.91	2.78	8.33	0.880	1.01	0.583	17
18	3.50 E	1.27	1.14	1.96	0.981	0.462	0.546	0.631	0.852	5.05	0.748	0.596	18
19	1.72 E	1.60	0.878	0.918	3.96	0.481	0.586	0.497	0.617	0.945	0.884	0.930	19
20	8.80 E	3.67	0.838	1.33	1.82	0.506	0.502	0.485	0.701	0.889	3.88	1.24	20
21	2.00 E	0.887	0.881	1.22	1.04	0.480	0.808	0.447	0.852	1.40	2.20	0.828	21
22	1.30 E	2.88	0.878	0.872	0.853	5.94	1.26	0.439	0.886	3.18	0.934	0.824	22
23	1.16 E	3.76	1.46	1.18	0.788	1.26	0.841	0.848	3.00	1.23	0.828	2.72	23
24	2.00 E	1.22	4.97	0.884	0.783	0.613	1.08	1.87	0.887	1.87	0.805	1.16	24
25	1.10 E	0.837	4.56	0.848	1.84	0.586	1.40	1.31	0.540	1.43	0.772	0.984	25
26	0.900B	0.818	4.59	1.87	0.878	0.523	4.41	0.780	0.834	1.37	0.762	0.832	26
27	0.740B	0.820	2.36	1.86	0.875	0.483	1.18	0.535	1.91	0.775	0.824	3.68	27
28	0.820B	0.898	1.28	1.30 E	0.848	0.513	0.842	0.576	1.82	1.00	0.739	4.93	28
29	0.810B	0.988	1.36	2.40 E	0.882	0.562	0.585	0.530	0.578	0.881	0.678	0.815	29
30	1.00 E		1.26	1.30 E	0.817	0.488	1.89	0.537	0.880	0.818	0.881	0.721	30
31	1.40 E		1.16		0.847		0.754	0.504		0.587		0.878	31
TOTAL	38.835	41.821	81.845	48.847	37.809	23.072	28.285	21.872	40.807	46.202	43.480	32.808	TOTAL
MEAN	1.18	1.43	1.88	1.88	1.21	0.788	0.812	0.888	1.38	1.48	1.48	1.05	MEAN
MAX	8.80	3.78	4.97	5.73	5.89	5.84	4.41	2.78	11.4	5.05	5.88	4.83	MAX
MIN	0.530	0.780	0.878	0.848	0.882	0.481	0.470	0.438	0.488	0.581	0.613	0.842	MIN

SUMMARY FOR THE YEAR 1988

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 1.26
MAXIMUM DAILY, 11.4 ON SEP 4
MINIMUM DAILY, 0.438 ON AUG 22
MAXIMUM INSTANTANEOUS,
34.4 AT 01:21 EST ON SEP 4

TYPE OF GAUGE - RECORDING
LOCATION - LAT 43 45 27 N
LONG 79 20 42 W
DRAINAGE AREA, 130 km²

B - ICE CONDITIONS
E - ESTIMATED
NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	3 180	JUL	2 440
FEB	3 500	AUG	1 870
MAR	5 320	SEP	3 530
APR	4 310	OCT	3 910
MAY	3 240	NOV	3 780
JUN	1 990	DEC	2 810

TOTAL DISCHARGE, 40 000 dam³

LITTLE FRENCH RIVER AT OKIKENDAWT ISLAND - STATION NO. 02DD020

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1988

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	10.6	8.14	6.80	7.78	27.6	26.1	24.1	22.2	22.7	18.7	23.1	22.6	1
2	10.6	8.88	6.68	8.10	27.6	26.3	24.1	22.1	22.7	18.6	22.8	22.3	2
3	10.7	8.67	6.62	8.40	27.6	26.2	23.6	22.0	22.6	21.0	22.4	21.8	3
4	10.7	8.28	6.48	8.57	27.6	26.1	23.6	21.8	22.1	21.0	22.8	22.1	4
5	10.7	8.84	6.40	8.86	27.6	26.1	23.4	21.8	22.0	21.3	22.6	21.6	5
6	10.8	8.80	6.18	12.8	27.6	26.1	23.3	22.2	21.8	21.3	22.7	21.3	6
7	10.1	8.71	6.18	13.2	27.6	26.2	23.2	22.6	21.6	21.3	22.8	21.0	7
8	9.86	8.48	6.18	13.8	27.4	26.2	23.2	22.1	21.6	20.8	22.4	47.8	8
9	10.1	8.18	6.38	16.6	27.3	26.0	23.2	21.8	21.3	20.7	22.2	62.7	9
10	9.76	8.10	6.28	16.1	27.3	26.0	23.0	21.8	21.0	20.7	22.0	67.4	10
11	9.63	7.98	6.18	15.6	28.0	26.1	23.0	21.8	20.8	20.6	23.8	68.7	11
12	9.52	8.05	6.18	15.4	28.0	26.0	23.1	21.8	20.8	21.3	23.8	68.6	12
13	9.43	8.27	6.88	15.8	27.8	25.8	22.8	21.6	20.4	21.2	23.6	68.0	13
14	9.11	8.10	6.00	16.3	28.1	25.8	23.0	21.7	20.6	21.1	23.8	67.4	14
15	9.04	7.86	6.82	17.8	28.8	25.6	23.0	22.3	20.6	21.1	24.0	66.4	15
16	9.18	7.82	6.86	19.6	29.1	25.6	22.8	23.1	20.6	21.1	23.8	65.8	16
17	9.08	7.78	6.88	20.6	28.2	25.4	22.8	23.0	20.6	21.1	24.0	65.6	17
18	8.85	7.85	6.84	21.3	29.0	25.2	22.6	23.3	20.3	21.3	24.6	64.8	18
19	8.80	7.57	6.80	22.2	28.2	24.8	22.6	23.8	19.8	24.1	24.3	64.2	19
20	8.76	7.46	6.53	22.3	28.0	24.8	22.6	23.6	19.6	24.3	24.1	63.8	20
21	8.71	7.44	6.42	22.7	28.2	24.8	22.6	23.3	19.8	24.3	23.8	63.6	21
22	8.66	7.30	6.38	23.2	28.0	24.8	22.8	23.8	20.1	24.1	23.7	62.7	22
23	8.62	7.26	6.36	23.6	27.8	24.4	22.8	23.3	19.8	24.2	23.8	62.6	23
24	8.84	7.17	6.24	24.3	27.2	24.3	22.8	23.1	19.7	24.0	23.8	62.7	24
25	8.46	7.13	6.20	25.8	27.0	24.3	22.8	23.2	19.6	24.1	23.1	62.2	25
26	8.32	6.95	6.84	26.8	26.0	24.0	22.8	23.2	19.3	24.3	23.1	61.8	26
27	8.23	7.04	6.84	26.7	25.9	24.8	22.6	23.1	18.9	23.8	22.7	60.8	27
28	8.12	6.62	6.73	27.0	25.8	24.8	22.7	23.1	18.8	24.3	23.1	60.0	28
29	7.86	6.82	6.66	27.5	25.8	24.3	22.8	22.8	18.9	24.0	22.8	60.8	29
30	7.86		7.00	27.6	25.8	24.0	22.7	22.8	18.7	23.8	22.6	60.1	30
31	7.82		7.52		26.0		22.8	22.8		23.2		49.3	31
TOTAL	266.33	230.86	188.69	557.32	854.4	780.6	714.2	701.0	617.5	687.1	698.2	1 440.4	TOTAL
MEAN	8.24	7.85	6.06	18.6	27.6	25.4	23.0	22.6	20.6	22.2	23.3	46.5	MEAN
MAX	10.7	8.88	7.52	27.6	29.2	26.3	24.1	23.8	22.7	24.3	24.4	68.7	MAX
MIN	7.86	6.62	6.20	7.78	25.8	24.0	22.6	21.7	18.7	18.7	22.0	21.0	MIN

SUMMARY FOR THE YEAR 1988

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 21.1
MAXIMUM DAILY, 68.7 ON DEC 11
MINIMUM DAILY, 6.20 ON MAR 25

TYPE OF GAUGE - MANUAL
LOCATION - LAT 46 07 23 N
LONG 80 04 44 W

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	24 700	JUL	61 700
FEB	18 800	AUG	60 800
MAR	16 300	SEP	53 400
APR	48 200	OCT	59 400
MAY	73 600	NOV	60 300
JUN	65 700	DEC	124 000

TOTAL DISCHARGE, 668 000 dam³

REMARKS - REPLACES STATIONS 02DD018 AND 02DD019 AS PART OF FLOW FOR "FRENCH RIVER AT LAKE NIPISSING" NO. 02DD007

LITTLE MAITLAND RIVER AT BLUEVALE - STATION NO. 02FE007

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1988

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	3.048	30.5 B	2.978	14.2	3.43	1.23	0.358	1.72	0.247	0.382	3.86	5.62	1
2	3.328	22.7 B	2.858	11.6	2.94	1.13	0.377	1.12	0.233	0.604	3.53	5.68	2
3	3.018	12.1 B	2.708	12.6	2.85	0.856	0.348	0.775	0.239	0.892	3.14	5.15	3
4	2.758	8.188	2.628	18.1	2.39	0.847	0.338	0.601	0.260	1.22	2.83	4.78	4
5	2.488	8.128	2.558	15.1	2.19	0.897	0.353	0.530	0.303	1.04	3.15	4.23	5
6	2.288	3.788	2.528	12.0	2.08	0.956	0.334	0.632	0.611	0.875	4.83	3.81	6
7	2.178	3.618	2.548	8.58	1.95	0.805	0.328	0.605	0.648	0.804	5.24	3.458	7
8	1.988	3.538	4.128	7.68	1.83	0.856	0.312	0.508	0.423	0.695	5.08	3.108	8
9	1.818	3.468	12.9 B	6.42	1.89	0.831	0.320	0.469	0.343	0.841	6.35	2.828	9
10	1.638	3.388	26.0 B	5.50	2.31	0.801	0.311	0.538	0.304	0.890	15.5	2.53	10
11	1.508	3.308	31.4 B	4.88	2.34	0.782	0.310	0.484	0.273	3.58	22.1	2.138	11
12	1.408	3.168	19.7	4.32	2.07	0.709	0.303	0.538	0.257	4.61	17.5	1.848	12
13	1.308	2.908	15.0	2.15	1.84	0.707	0.304	0.486	0.253	3.82	17.6	1.798	13
14	1.228	2.628	12.7	3.62	1.92	0.718	0.296	0.431	0.246	2.75	20.0	1.888	14
15	1.178	3.388	9.44	3.72	1.82	0.620	0.295	0.380	0.268	2.05	16.2	1.888	15
16	1.188	4.858	7.48	3.42	4.86	0.617	0.276	0.352	0.267	1.66	10.4	1.778	16
17	1.148	5.888	6.40	3.12	2.58	0.558	0.260	0.328	0.280	1.48	8.33	1.658	17
18	1.318	5.008	5.31	3.63	2.78	0.636	0.268	0.315	0.322	1.92	8.07	1.608	18
19	2.258	4.848	5.09	3.71	2.35	0.613	0.281	0.299	0.473	2.43	6.48	2.32	19
20	5.108	4.308	5.48	3.45	2.27	0.459	0.286	0.280	0.525	2.20	5.91	3.87	20
21	7.028	3.858	4.80	3.77	7.56	0.393	0.280	0.282	0.512	1.86	6.25	12.3	21
22	17.3 B	3.628	4.38	3.81	10.4	0.457	0.260	0.288	0.487	1.81	8.54	10.3 B	22
23	13.7 B	3.768	5.88	3.72	6.20	0.448	0.266	0.273	0.525	1.73	7.76	8.008	23
24	8.648	3.828	28.1	5.17	3.68	0.450	0.246	0.264	0.582	2.03	8.27	8.808	24
25	7.448	4.008	47.1	4.88	2.87	0.434	0.236	0.264	0.575	8.31	8.32	8.588	25
26	6.188	3.778	55.0	4.03	2.49	0.408	0.240	0.263	0.532	18.1	4.72	4.708	26
27	4.448	3.468	40.1	3.56	2.16	0.398	0.228	0.260	0.447	16.0	4.81	5.158	27
28	3.128	3.328	24.4	3.38	1.85	0.387	0.229	0.262	0.427	11.8	5.15	14.0	28
29	2.288	3.178	20.5	3.49	1.62	0.385	0.225	0.265	0.397	9.12	5.12	11.4 B	29
30	1.778		22.7	3.66	1.37	0.387	0.276	0.256	0.386	8.81	5.08	8.388	30
31	5.028		18.8		1.32		2.86	0.250		4.83		6.428	31
TOTAL	120.62	170.86	457.46	185.48	80.11	19.858	11.632	14.314	11.494	114.853	248.40	158.21	TOTAL
MEAN	3.89	5.89	14.8	6.18	2.81	0.662	0.375	0.462	0.383	3.71	8.28	5.10	MEAN
MAX	17.3	30.5	55.0	18.1	10.4	1.23	2.86	1.72	0.611	18.1	22.1	14.0	MAX
MIN	1.14	2.62	2.62	2.15	1.32	0.385	0.225	0.250	0.233	0.382	2.83	1.88	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 4.38
MAXIMUM DAILY, 55.0 ON MAR 26
MINIMUM DAILY, 0.225 ON JUL 29
MAXIMUM INSTANTANEOUS,
55.5 AT 19:40 EST ON MAR 25

SUMMARY FOR THE YEAR 1988

TYPE OF GAUGE - RECORDING
LOCATION - LAT 43 51 15 N
LONG 81 15 00 W
DRAINAGE AREA, 325 km²

B - ICE CONDITIONS

REGULATED

MONTHLY TOTAL DISCHARGE
IN CUBIC DECAMETRES

JAN	10 400	JUL	1 010
FEB	14 800	AUG	1 240
MAR	39 500	SEP	993
APR	16 000	OCT	9 830
MAY	7 780	NOV	21 500
JUN	1 720	DEC	13 700

TOTAL DISCHARGE, 139 000 dam³

LITTLE NORDIC CREEK AT ELLIOT LAKE - STATION NO. 02CD007

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1988

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	0.0278	0.4008	0.0258	0.503	0.056	0.001	0	0	0.025	0.252E	0.125E	0.135E	1
2	0.0278	0.2508	0.024	0.534	0.030	0.001	0	0	0.024	0.189E	0.123E	0.113E	2
3	0.0288	0.188	0.023	0.800	0.008	0.001	0	0	0.019	0.130E	0.113E	0.100E	3
4	0.0288	0.071	0.020	0.872	0.004	0.001	0	0	0.018	0.148E	0.103E	0.090E	4
5	0.0258	0.054	0.018	0.828	0.003	0.001	0	0.008	0.018	0.140E	0.271E	0.082	5
6	0.0258	0.042	0.015	0.821	0.002	0.001	0	0.004	0.017	0.110E	0.402E	0.084	6
7	0.0248	0.043	0.018	1.15	0.110	0.020	0	0.001	0.014	0.083E	0.285E	0.075	7
8	0.0248	0.031	0.0358	0.709	0.048	0.076	0	0.001	0.014	0.074	0.189E	0.068	8
9	0.0248	0.028	0.3008	0.445	0.035	0.012	0	0.002	0.013	0.061	0.150E	0.080	9
10	0.0238	0.0278	0.2508	0.388	0.033	0.001	0	0.001	0.012	0.088E	0.143E	0.0588	10
11	0.0238	0.0278	0.222	0.318	0.023	0.001	0	0.001	0.010	0.103E	0.140E	0.0678	11
12	0.0238	0.0268	0.051	0.277	0.014	0.001	0	0.001	0.030	0.090E	0.120E	0.0658	12
13	0.0238	0.0268	0.095	0.251	0.078	0.001	0.001	0.002	0.255E	0.070	0.181E	0.0538	13
14	0.0238	0.0268	0.049	0.251	0.050	0.001	0.001	0.006	0.190E	0.059	0.150E	0.0528	14
15	0.0238	0.0328	0.044	0.188	0.018	0.001	0.001	0.007	0.110E	0.048	0.152E	0.0518	15
16	0.0248	0.0318	0.048	0.138	0.033	0.001	0.001	0.006	0.052	0.060	0.208E	0.0508	16
17	0.0268	0.0318	0.044	0.145	0.074	0.105	0.001	0.011	0.026	0.095E	0.185E	0.0498	17
18	0.0278	0.0318	0.048	0.154	0.044	0.118E	0	0.012	0.005	0.173E	0.150E	0.049	18
19	0.0318	0.0338	0.048	0.127	0.021	0.068	0	0.011	0.005	0.150E	0.120E	0.047	19
20	0.0348	0.0288	0.041	0.098	0.013	0.017	0.084	0.010	0.028	0.115E	0.113E	0.158E	20
21	0.0348	0.023	0.038	0.078	0.052	0.002	0.113E	0.008	0.014	0.130E	0.103E	0.248E	21
22	0.0328	0.029	0.034	0.074	0.021	0.002	0.155E	0.007	0.008	0.180E	0.093E	0.108E	22
23	0.0288	0.027	0.037	0.060	0.008	0.002	0.088E	0.008	0.014	0.130E	0.092	0.126E	23
24	0.0268	0.0268	0.043	0.070	0.006	0.011	0.067	0.020	0.015	0.125E	0.094	0.120E	24
25	0.0278	0.0268	0.858	0.076	0.008	0.008	0.055	0.080	0.014	0.128E	0.091	0.092	25
26	0.0288	0.0268	1.07	0.087	0.004	0.012	0.061	0.047	0.014	0.108E	0.105E	0.074	26
27	0.0258	0.0268	0.872	0.081	0.002	0.003	0.023	0.032	0.018	0.123E	0.344E	0.0718	27
28	0.0258	0.0258	0.476	0.315	0.002	0.001	0.004	0.047	0.018	0.341E	0.307E	0.0708	28
29	0.0268	0.0258	0.332	0.216	0.002	0	0.001	0.033	0.018	0.265E	0.212E	0.0688	29
30	0.0288		0.803	0.076	0.009	0	0.001	0.023	0.178E	0.181E	0.173E	0.0588	30
31	0.1578		0.785		0.004		0	0.028		0.135E		0.087	31
TOTAL	0.944	1.836	8.563	10.250	0.887	0.472	0.687	0.395	1.188	4.085	5.102	2.598	TOTAL
MEAN	0.030	0.066	0.212	0.342	0.028	0.016	0.022	0.013	0.040	0.132	0.170	0.084	MEAN
MAX	0.157	0.400	1.07	1.15	0.110	0.118	0.155	0.080	0.255	0.341	0.402	0.245	MAX
MIN	0.023	0.023	0.015	0.051	0.002	0	0	0	0.005	0.048	0.091	0.047	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 0.095
MAXIMUM DAILY, 1.15 ON APR 7
MINIMUM DAILY, 0 ON JUN 29
MAXIMUM INSTANTANEOUS,
1.35 AT 06:59 EST ON MAR 26

SUMMARY FOR THE YEAR 1988

TYPE OF GAUGE - RECORDING
LOCATION - LAT 46 21 12 N
LONG 82 38 37 W
DRAINAGE AREA, 4.58 km²

B - ICE CONDITIONS
E - ESTIMATED

MONTHLY TOTAL DISCHARGE
IN CUBIC DECAMETRES

JAN	81.6	JUL	59.4
FEB	141	AUG	34.1
MAR	567	SEP	104
APR	486	OCT	354
MAY	74.8	NOV	441
JUN	40.6	DEC	226

TOTAL DISCHARGE, 3 010 dam³

LITTLE OTTER CREEK NEAR STRAFFORDVILLE - STATION NO. 02GC015

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1988

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	1.42 B	2.67	1.07	1.73	1.48	0.888	0.385	0.802	0.428	0.423	0.707	1.02	1
2	1.37 B	2.27	1.18	1.85	1.30	0.725	0.384	0.572	0.430	0.484	0.696	0.887	2
3	1.33 B	1.908	1.80	2.10	1.22	0.700	0.389	0.541	0.506	0.496	0.887	0.878	3
4	1.29 B	1.368	1.23	2.72	1.14	0.894	0.392	0.521	0.558	0.488	0.891	0.832	4
5	1.25 B	1.339	1.16	2.20	1.09	0.674	0.381	0.525	0.501	0.452	0.781	0.807	5
6	1.21 B	1.318	1.15	1.82	1.07	0.645	0.358	0.658	0.484	0.458	0.843	0.808	6
7	1.18 B	1.298	1.23	1.75	1.01	0.626	0.341	0.537	0.452	0.448	1.48	0.907	7
8	1.16 B	1.288	1.33	1.64	0.978	0.622	0.320	0.513	0.447	0.456	1.84	0.890	8
9	1.13 B	1.278	1.72	1.50	0.888	0.639	0.321	0.500	0.437	0.488	1.61	0.858	9
10	1.10 B	1.258	1.76	1.40	1.07	0.611	0.321	0.481	0.444	0.537	1.42	0.7438	10
11	1.07 B	1.248	1.52	1.33	0.995	0.597	0.337	0.473	0.424	0.864	1.35	0.6908	11
12	1.05 B	1.238	1.53	1.27	0.953	0.588	0.327	0.458	0.427	0.636	1.12	0.8558	12
13	1.03 B	1.218	1.78	1.22	0.941	0.585	0.298	0.445	0.441	0.555	3.17	0.8478	13
14	1.02 B	1.208	1.83	1.20	0.917	0.557	0.300	0.414	0.427	0.538	2.89	0.7128	14
15	1.00 B	1.808	1.45	1.20	0.929	0.535	0.308	0.487	0.414	0.530	1.72	0.8858	15
16	0.9828	1.848	1.38	1.18	1.15	0.528	0.313	0.453	0.405	0.532	1.44	0.8808	16
17	0.982	1.418	1.31	1.18	1.08	0.525	0.850	0.440	0.483	0.528	1.31	0.8458	17
18	1.40	1.328	1.27	1.17	0.882	0.518	0.853	0.417	0.500	1.09	1.19	0.8388	18
19	1.11	1.408	1.30	1.17	0.884	0.510	0.518	0.408	0.470	0.914	1.11	0.8388	19
20	1.33	1.348	1.30	1.16	0.874	0.495	0.498	0.408	0.455	0.724	1.83	1.00 B	20
21	1.35	1.308	1.25	1.21	1.04	0.485	0.503	0.381	0.438	0.707	2.85	1.78	21
22	0.987	2.308	1.25	1.17	1.14	0.478	0.827	0.382	0.438	0.773	2.03	1.28	22
23	0.988	4.35	1.20	1.18	1.04	0.483	0.775	0.407	0.849	0.748	1.56	1.98	23
24	0.925	2.54	1.55	1.21	0.948	0.471	1.14	0.484	0.520	0.828	1.38	2.11	24
25	0.893	1.82	2.66	1.18	0.878	0.482	0.790	0.455	0.483	0.888	1.30	1.82	25
26	0.858	1.54	5.35	1.12	0.848	0.451	0.888	0.435	0.451	0.787	1.20	1.34	26
27	0.8348	1.23	3.42	1.10	0.818	0.483	0.885	0.418	0.433	0.728	1.17	1.61	27
28	0.8208	1.14	2.63	1.16	0.778	0.440	0.857	0.488	0.423	0.761	1.18	4.57	28
29	0.8108	1.08	2.27	1.38	0.783	0.427	0.873	0.472	0.418	0.778	1.11	2.83	29
30	1.15 B		2.10	1.88	0.735	0.404	0.808	0.445	0.418	0.738	1.05	2.00	30
31	2.28		1.82		0.707		0.593	0.438		0.715		1.87	31
TOTAL	38.300	46.84	53.52	43.03	30.883	16.806	15.158	14.804	13.780	18.882	42.905	38.386	TOTAL
MEAN	1.14	1.62	1.73	1.43	0.887	0.554	0.521	0.471	0.458	0.841	1.43	1.27	MEAN
MAX	2.28	4.35	5.35	2.72	1.48	0.725	1.14	0.658	0.849	1.09	3.17	4.57	MAX
MIN	0.810	1.08	1.07	1.10	0.707	0.404	0.298	0.382	0.405	0.423	0.887	0.835	MIN

SUMMARY FOR THE YEAR 1988

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 1.02
MAXIMUM DAILY, 5.35 ON MAR 26
MINIMUM DAILY, 0.286 ON JUL 13
MAXIMUM INSTANTANEOUS,
8.09 AT 04:46 EST ON MAR 26

TYPE OF GAUGE - RECORDING
LOCATION - LAT 42 45 23 N
LONG 80 48 26 W
DRAINAGE AREA, 104 km²

B - ICE CONDITIONS

REGULATED

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	3 060	JUL	1 400
FEB	4 060	AUG	1 260
MAR	4 620	SEP	1 190
APR	3 720	OCT	1 720
MAY	2 670	NOV	3 710
JUN	1 430	DEC	3 400

TOTAL DISCHARGE, 32 200 dam³

REMARKS - THE DISCHARGE IS AFFECTED BY PUMPING FOR IRRIGATION DURING THE SUMMER MONTHS

LITTLE PIC RIVER NEAR COLDWELL - STATION NO. 02BA003

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1988

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	5.288	4.508	2.978	5.308	75.7	22.7	13.4	4.43	8.52	17.4	20.0	18.3 B	1
2	5.328	4.458	2.938	5.858	80.3	24.3	12.4	4.84	8.74	16.5	18.5	17.1 B	2
3	5.188	4.408	2.908	6.808	80.5	24.8	11.8	5.68	8.80	16.7	17.8	15.8 B	3
4	5.158	4.358	2.888	8.258	78.2	24.0	10.8	8.30	8.31	27.8	17.1	14.3 B	4
5	5.138	4.308	2.858	10.3 B	73.1	22.7	10.2	8.81	8.83	28.0	17.2	13.7 B	5
6	5.108	4.258	2.838	14.8 B	66.2	21.1	9.77	7.47	7.84	25.7	17.2	13.0 B	6
7	5.068	4.208	2.818	19.0 B	58.5	18.4	8.38	7.81	7.41	23.3	16.9	12.8 B	7
8	5.068	4.148	2.808	27.0 B	55.4	18.1	8.88	7.75	7.01	21.4	16.9	12.0 B	8
9	5.048	4.088	2.788	32.5 B	55.4	18.7	8.41	7.49	6.80	20.2	16.5	11.6 B	9
10	5.028	4.008	2.768	37.6	56.5	18.5	8.03	7.25	8.55	19.6	24.0	11.6 B	10
11	5.008	3.958	2.778	40.5	60.8	14.5	7.83	7.17	6.35	19.5	24.3	11.4 B	11
12	4.988	3.908	2.768	46.7	49.8	13.6	7.09	7.32	6.24	18.6	22.8	11.3 B	12
13	4.978	3.828	2.788	54.1	64.9	12.9	6.84	7.32	6.27	17.6	22.6	11.0 B	13
14	4.988	3.748	2.748	59.3	65.3	12.9	6.65	6.29	6.34	16.7	22.1	10.8 B	14
15	4.958	3.688	2.748	62.9	57.1	13.8	6.56	10.2	6.32	15.8	21.2	10.6 B	15
16	4.948	3.628	2.738	44.6	51.3	13.8	6.54	10.5	6.44	15.1	80.4	10.5 B	16
17	4.938	3.568	2.738	43.4	46.5	13.3	6.36	10.7	7.26	30.5	95.0	10.4 B	17
18	4.928	3.498	2.728	37.9	42.4	12.7	6.00	11.1	7.82	32.1	70.3	10.3 B	18
19	4.918	3.438	2.718	34.5	38.3	12.5	5.87	11.2	8.85	29.4	59.9	10.2 B	19
20	4.908	3.388	2.718	31.8	34.9	13.2	5.85	10.8	28.3	26.3	54.6	10.1 B	20
21	4.878	3.328	2.718	29.2	34.9	13.1	5.48	10.3	27.9	26.1	48.2	10.0 B	21
22	4.838	3.278	2.718	26.5	33.3	12.6	5.43	9.46	25.0	30.0	42.0	9.978	22
23	4.808	3.228	2.708	26.6	30.6	12.5	5.19	9.52	24.4	28.0	37.1	9.888	23
24	4.778	3.188	2.658	28.7	28.1	12.5	5.02	9.51	22.8	26.9	33.2	9.788	24
25	4.768	3.138	3.458	33.4	26.0	15.3	4.90	9.88	21.9	24.8	32.5	9.698	25
26	4.718	3.108	3.788	34.0	24.4	16.8	4.74	10 2	21.0	23.2	33.0	9.638	26
27	4.688	3.068	4.028	37.8	23.7	16.6	4.67	11.4	20.3	22.1	28.08	9.568	27
28	4.668	3.028	4.228	46.0	23.6	15.9	4.58	12.5	19.6	28.0	24.58	9.468	28
29	4.628	3.008	4.488	56.1	22.6	14.9	4.45	11.8	18.8	25.5	22.28	9.388	29
30	4.588		4.868	66.1	22.7	14.2	4.67	11.1	17.9	22.6	20.38	9.318	30
31	4.538		4.958		21.8		4.55	10.1		21.0		9.238	31
TOTAL	152.46	107.51	98.43	998.10	1 474.0	487.0	221.67	275.88	394.59	723.6	982.9	352.69	TOTAL
MEAN	4.92	3.71	3.11	33.3	47.5	16.2	7.15	8.90	13.2	23.3	32.8	11.4	MEAN
MAX	5.32	4.50	4.95	66.1	80.5	24.8	13.4	12.5	28.3	32.1	95.0	18.3	MAX
MIN	4.53	3.00	2.70	5.30	21.8	12.5	4.45	4.43	6.24	15.8	17.1	9.23	MIN

SUMMARY FOR THE YEAR 1988

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 17.1
MAXIMUM DAILY, 95.0 ON NOV 17
MINIMUM DAILY, 2.708 ON MAR 23
MAXIMUM INSTANTANEOUS,
116 AT 18:34 EST ON NOV 16

TYPE OF GAUGE - RECORDING
LOCATION - LAT 48 50 57 N
LONG 88 36 28 W
DRAINAGE AREA, 1 320 km²

B - ICE CONDITIONS

NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	13 200	JUL	19 100
FEB	9 280	AUG	23 600
MAR	8 330	SEP	34 100
APR	86 200	OCT	62 600
MAY	127 000	NOV	84 800
JUN	42 100	DEC	30 500

TOTAL DISCHARGE, 841 000 dam³

LITTLE RIVER AT WINDSOR - STATION NO. 02EH011

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1988

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	0.322	2.02 B	0.378	0.168	0.037	0.008	0.022	0.045	0.009	0.042	0.086	0.106	1
2	0.201	0.868	0.510	0.158	0.032	0.713	0.027	0.032	0.032	0.533	0.089	0.081	2
3	0.154	0.310B	0.620B	1.21	0.037	0.091	0.008	0.025	0.057	0.218	0.067	0.077	3
4	0.120B	0.230B	0.250B	1.98	0.030	0.048	0.007	0.022	0.348	0.090	0.222	0.062	4
5	0.094B	0.205B	0.210	0.568	0.030	0.023	0.005	0.089	0.143	0.065	1.77	0.068	5
6	0.078B	0.130B	0.228	0.880	0.031	0.012	0.006	0.045	0.083	0.061	1.10	0.071	6
7	0.065B	0.104B	0.265	2.23	0.030	0.012	0.008	0.029	0.030	0.048	0.518	0.061	7
8	0.060B	0.082B	0.354	0.833	0.026	0.012	0.007	0.025	0.018	0.038	0.388	0.053B	8
9	0.055B	0.092B	0.670	0.400	0.262	0.011	0.007	0.278	0.028	0.437	0.348	0.044B	9
10	0.053B	0.086B	0.480	0.285	0.132	0.009	0.026	0.064	0.018	0.203	1.44	0.032B	10
11	0.050B	0.086B	0.388	0.190	0.041	0.007	0.020	0.081	0.029	0.124	0.458	0.026B	11
12	0.072	0.092B	0.888	0.157	0.037	0.007	0.008	0.052	0.070	0.098	0.281	0.019B	12
13	0.096	0.090B	1.04	0.133	0.037	0.006	0.006	0.059	0.024	0.080	1.28	0.014B	13
14	0.085	0.088B	0.470	0.135	0.025	0.006	0.006	0.074	0.054	0.068	0.551	0.041B	14
15	0.089	0.230B	0.335B	0.110	0.113	0.006	0.012	0.026	0.032	0.059	0.282	0.043	15
16	0.070	0.316	0.240	0.090	0.085	0.006	0.208	0.080	0.022	0.152	0.285	0.036	16
17	2.76 B	0.401	0.185	0.084	0.058	0.008	0.387	0.180	0.061	0.573	0.187	0.030B	17
18	3.28	0.848	0.247	0.086	0.034	0.010	0.080	0.224	0.180	1.13	0.152	0.028B	18
19	0.704	0.842	0.248	0.006	0.089	0.013	0.058	0.080	0.043	0.210	0.121	0.026B	19
20	1.76	1.38 B	0.173	0.018	0.087	0.006	0.038	0.081	0.080	0.134	1.86	0.081	20
21	0.842	0.520B	0.125	0.024	0.047	0.008	0.037	0.046	0.040	0.148	1.85	0.087	21
22	0.306	1.53 B	0.123	0.044	0.030	0.052	0.023	0.034	0.295	0.152	0.506	0.087	22
23	0.247	2.72	0.154	0.130	0.044	0.054	0.034	0.187	0.853	0.327	0.308	0.462	23
24	0.195	1.10 B	0.500	0.057	0.024	0.018	0.021	0.088	0.204	0.334	0.234	0.328	24
25	0.152	0.320B	0.887	0.030	0.012	0.018	0.030	0.088	0.111	0.174	0.188	0.245B	25
26	0.110B	0.270B	0.552	0.042	0.011	0.015	0.058	0.038	0.077	0.119	0.185	0.150B	26
27	0.100B	0.252B	0.314	0.042	0.011	0.014	0.093	0.042	0.046	0.111	0.158	0.880B	27
28	0.095B	0.280B	0.285	0.093	0.011	0.012	0.038	0.083	0.038	0.085	0.130	2.00 B	28
29	0.108B	0.310B	0.367	0.082	0.009	0.010	0.032	0.036	0.036	0.075	0.258	0.440B	29
30	0.290B		0.252	0.050	0.008	0.018	0.264	0.027	0.040	0.068	0.103	0.200B	30
31	0.978B		0.194		0.006		0.118	0.013		0.082		0.130B	31
TOTAL	13.582	15.629	11.683	10.073	1.435	1.228	1.588	2.173	3.057	5.021	15.223	6.005	TOTAL
MEAN	0.437	0.539	0.377	0.336	0.046	0.041	0.054	0.070	0.102	0.184	0.507	0.184	MEAN
MAX	3.28	2.72	1.04	2.23	0.263	0.713	0.387	0.278	0.853	1.13	1.86	2.00	MAX
MIN	0.050	0.082	0.123	0.006	0.006	0.006	0.005	0.013	0.009	0.039	0.086	0.014	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 0.240
MAXIMUM DAILY, 3.28 ON JAN 18
MINIMUM DAILY, 0.005 ON JUL 5
MAXIMUM INSTANTANEOUS,
7.298 AT 23:58 EST ON JAN 17

SUMMARY FOR THE YEAR 1988

TYPE OF GAUGE - RECORDING
LOCATION - LAT 42 18 34 N
LONG 82 55 44 W
DRAINAGE AREA, 80.5 km²

B - ICE CONDITIONS

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	1 170	JUL	148
FEB	1 380	AUG	188
MAR	1 010	SEP	264
APR	870	OCT	530
MAY	124	NOV	1 320
JUN	106	DEC	519

TOTAL DISCHARGE, 7 880 dam³

LITTLE ROUGE CREEK NEAR LOCUST HILL - STATION NO. 02HC028

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1988

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	0.370B	0.840B	0.620B	1.16	0.825	0.142	0.098	0.124	0.141	0.189	0.302	0.386	1
2	0.350B	0.600B	0.602B	1.10	0.574	0.138	0.088	0.130	0.128	0.367	0.308	0.372	2
3	0.320B	0.500B	0.590B	2.81	0.482	0.143	0.080	0.110	0.138	0.485	0.312	0.388	3
4	0.305B	0.430B	0.580B	6.90	0.428	0.178	0.082	0.087	0.710	0.285	0.287	0.340B	4
5	0.290B	0.380B	0.600B	2.88	0.368	0.180	0.104	0.147	0.837	0.368	0.401	0.320B	5
6	0.270B	0.350B	1.50 B	2.00	0.388	0.118	0.087	0.118	0.375	0.289	1.85	0.300B	6
7	0.260B	0.330B	2.50 B	1.84	0.304	0.137	0.068	0.095	0.228	0.238	0.775	0.275B	7
8	0.245B	0.320B	4.40 B	1.41	0.278	0.143	0.081	0.075	0.166	0.241	0.728	0.255B	8
9	0.235B	0.310B	5.20 B	1.05	0.280	0.138	0.068	0.084	0.149	0.245	0.845	0.242B	9
10	0.225B	0.295B	7.34	0.820	0.320	0.134	0.068	0.093	0.262	0.218	0.783	0.228B	10
11	0.211B	0.285B	5.96	0.681	0.311	0.114	0.068	0.068	0.152	0.278	0.848	0.215B	11
12	0.205B	0.280B	3.80	0.603	0.283	0.094	0.070	0.072	0.130	0.306	0.575	0.201B	12
13	0.185B	0.275B	1.98	0.564	0.285	0.088	0.068	0.081	0.150	0.284	1.17	0.190B	13
14	0.180B	0.270B	1.71	0.734	0.242	0.085	0.065	0.059	0.130	0.270	1.87	0.220B	14
15	0.170B	0.288B	1.27	1.26	0.220	0.082	0.078	0.072	0.128	0.245	0.880	0.260B	15
16	0.180B	0.800B	1.01	0.832	3.36	0.153	0.067	0.063	0.126	0.253	0.653	0.230B	16
17	0.250B	1.85 B	0.858	0.656	8.74	0.092	0.072	0.127	0.165	0.242	0.613	0.220B	17
18	0.500B	1.40 B	1.44	0.732	1.52	0.084	0.081	0.181	0.252	0.648	0.517	0.211B	18
19	1.00 B	1.15 B	0.824	0.626	1.03	0.078	0.088	0.130	0.190	0.575	0.428	0.205B	19
20	2.50 B	1.05 B	0.774	0.553	1.44	0.076	0.074	0.125	0.177	0.371	0.504	0.250B	20
21	2.30 B	0.950B	0.712	0.800	1.31	0.073	0.077	0.085	0.178	0.330	1.21	0.405B	21
22	0.800B	0.900B	0.647	0.520	0.843	0.332E	0.080	0.072	0.160	0.458	0.821	0.340B	22
23	0.580B	0.850B	1.63	0.480	0.611	0.827	0.106	0.076	0.228	0.526	0.804	0.370B	23
24	0.480B	0.780B	12.2	0.534	0.426	0.241	0.111	0.130	0.224	0.514	0.521	0.600B	24
25	0.400B	0.750B	3.88	0.482	0.348	0.177	0.135	0.333	0.178	0.486	0.490	0.480B	25
26	0.370B	0.710B	5.80	0.471	0.320	0.135	0.238	0.277	0.159	0.388	0.455	0.390B	26
27	0.345B	0.680B	3.31	0.533	0.284	0.103	0.340	0.248	0.155	0.357	0.485	0.420B	27
28	0.325B	0.650B	1.41	0.858	0.238	0.081	0.188	0.197	0.238	0.345	0.473	2.19	28
29	0.305B	0.640B	1.36	0.953	0.216	0.081	0.141	0.176	0.197	0.378	0.433	0.580B	29
30	0.295B		1.85	1.38	0.188	0.088	0.128	0.152	0.171	0.313	0.413	0.718B	30
31	0.520B		1.24		0.147		0.156	0.156		0.294		0.680B	31
TOTAL	14.932	18.534	77.858	35.557	24.588	4.307	3.220	3.981	5.415	10.743	20.334	13.242	TOTAL
MEAN	0.482	0.639	2.51	1.18	0.793	0.144	0.104	0.128	0.214	0.347	0.678	0.385	MEAN
MAX	2.50	1.85	12.2	8.90	8.74	0.827	0.340	0.333	0.710	0.845	1.85	2.19	MAX
MIN	0.180	0.288	0.580	0.480	0.147	0.088	0.088	0.088	0.128	0.188	0.287	0.180	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 0.536
MAXIMUM DAILY, 12.2 ON MAR 24
MINIMUM DAILY, 0.088 ON JUL 10
MAXIMUM INSTANTANEOUS,
33.0 AT 07:55 EST ON MAR 24

SUMMARY FOR THE YEAR 1988

TYPE OF GAUGE - RECORDING
LOCATION - LAT 43 54 38 N
LONG 78 12 58 W
DRAINAGE AREA, 77.7 km²

B - ICE CONDITIONS
E - ESTIMATED
NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	1 280	JUL	278
FEB	1 600	AUG	344
MAR	6 740	SEP	554
APR	3 070	OCT	928
MAY	2 130	NOV	1 780
JUN	372	DEC	1 060

TOTAL DISCHARGE, 20 100 dam³

LITTLE WHITE RIVER BELOW BOLAND RIVER - STATION NO. 02CC010

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1988

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	7.50B	5.00B	4.63B	16.0B	41.3	15.9	6.85	5.33	8.04	7.31	41.2	63.8	1
2	7.35B	5.95B	4.62B	18.0B	41.4	14.1	6.48	5.26	7.66	10.4	38.1	58.1	2
3	7.25B	5.90B	4.61B	22.3B	41.0	13.6	6.25	5.07	7.33	11.3	34.5	51.3	3
4	7.15B	5.75B	4.61B	30.0B	40.3	13.4	5.93	4.98	7.14	14.2	31.7	44.7	4
5	7.05B	5.70B	4.61B	50.0B	38.9	12.6	5.74	5.22	6.83	16.5	40.5	41.2	5
6	6.93B	5.60B	4.60B	85.0B	37.0	12.1	5.61	5.93	6.67	17.1	84.9	38.7	6
7	6.85B	5.55B	4.60B	130	34.2	11.8	5.50	5.87	6.31	17.1	104	37.0	7
8	6.80B	5.50B	4.90B	180	31.5	11.3	5.32	5.58	6.15	16.5	103	33.0	8
9	6.70B	5.40B	5.15B	161	28.8	10.8	5.14	5.63	5.89	15.8	88.4	26.0B	9
10	6.60B	5.35B	5.40B	141	28.6	10.3	5.11	5.36	5.88	15.2	74.1	21.0B	10
11	6.50B	5.30B	5.40B	121	28.6	9.90	5.17	5.24	5.53	15.3	66.1	19.8B	11
12	6.40B	5.25B	5.35B	107	25.5	9.57	5.25	5.10	5.47	15.4	59.3	18.5B	12
13	6.35B	5.20B	5.25B	101	30.1	9.24	5.36	6.05	5.43	14.8	56.1	17.7B	13
14	6.25B	5.15B	5.15B	95.7	31.4	8.87	5.70	10.0	5.37	14.1	53.3	16.8B	14
15	6.20B	5.15B	5.05B	81.4	33.4	8.50	5.42	14.2	5.18	13.4	50.8	16.2B	15
16	6.15B	5.10B	5.00B	84.1	35.1	8.23	5.53	15.8	5.10	13.2	57.1	15.8B	16
17	6.20B	5.08B	4.95B	78.7	34.4	7.90	5.34	14.8	5.23	15.1	67.5	15.4B	17
18	6.25B	5.05B	4.90B	70.3	32.7	7.65	5.20	13.2	5.14	22.8	68.8	15.1B	18
19	6.20B	5.02B	4.60B	64.0	30.8	7.54	4.88	11.8	5.12	28.5	64.1	15.0B	19
20	6.10B	5.00B	4.70B	57.8	28.5	7.39	4.85	10.3	5.02	31.8	59.1	19.7B	20
21	6.00B	4.98B	4.85B	50.5	26.0	7.11	5.08	9.18	5.01	34.7	53.8	20.6B	21
22	5.95B	4.98B	4.80B	46.7	28.6	7.17	5.33	8.33	5.15	33.8	48.5	20.3B	22
23	5.90B	4.95B	4.55B	44.0	31.2	7.23	4.92	7.67	5.41	32.0	44.2	19.7B	23
24	5.80B	4.93B	4.80B	43.1	29.8	7.28	4.83	7.75	5.27	31.0	41.0	19.0B	24
25	5.75B	4.90B	5.80B	41.7	27.6	7.57	5.68	8.05	5.08	30.4	38.4	18.1B	25
26	5.70B	4.90B	6.80B	41.8	25.7	7.88	7.75	8.26	5.89	29.1	37.6	17.2B	26
27	5.60B	4.88B	7.80B	41.8	24.1	8.15	7.89	8.36	5.81	27.8	53.4	16.4B	27
28	5.55B	4.87B	8.40B	41.3	22.8	7.87	7.65	8.38	5.38	37.1	67.5	15.7B	28
29	5.50B	4.85B	9.35B	40.9	21.8	7.44	7.13	8.20	5.28	40.5	70.5	15.0B	29
30	5.70B		10.5 B	41.2	20.2	7.06	6.38	8.05	5.25	41.9	68.5	14.4B	30
31	5.95B		12.5 B		18.8		5.79	8.53		43.2		13.8B	31
TOTAL	186.18	152.26	179.23	2 116.5	951.3	285.76	178.07	254.18	183.43	707.51	1 786.9	772.4	TOTAL
MEAN	6.33	5.25	5.78	70.6	30.7	9.53	5.76	8.20	6.11	22.8	59.9	24.9	MEAN
MAX	7.50	6.00	12.5	180	41.4	15.9	7.89	15.8	8.04	43.2	104	63.8	MAX
MIN	5.50	4.85	4.55	16.0	18.8	7.05	4.83	4.98	5.10	7.31	31.7	13.8	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 21.2
MAXIMUM DAILY, 180 ON APR 8
MINIMUM DAILY, 4.55B ON MAR 23
MAXIMUM INSTANTANEOUS,
183 AT 08:54 EST ON APR 8

SUMMARY FOR THE YEAR 1988

TYPE OF GAUGE - RECORDING
LOCATION - LAT 48 34 48 N
LONG 82 57 56 W
DRAINAGE AREA, 1 180 km²

B - ICE CONDITIONS

REGULATED

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	15 800	JUL	15 500
FEB	13 200	AUG	22 000
MAR	15 500	SEP	15 800
APR	183 000	OCT	61 100
MAY	82 200	NOV	153 000
JUN	24 700	DEC	66 700

TOTAL DISCHARGE, 670 000 dam³

LITTLE WHITE RIVER NEAR BELLINGHAM - STATION NO. 02CC005

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1988

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	13.2 B	10.2 B	8.94B	57.0B	61.6	30.0E	11.2	8.14	14.7	12.6	67.2	114	1
2	13.0 B	10.3 B	8.85B	60.0B	60.8	28.3E	10.7	7.45	13.7	21.5	63.8	100	2
3	12.7 B	10.2 B	8.80B	64.0B	59.7	25.2E	10.2	7.41	13.0	22.0	58.0	89.7	3
4	12.3 B	10.1 B	8.80B	74.0B	58.7	24.2E	9.75	7.29	12.6	27.4	53.8	81.1	4
5	12.1 B	10.1 B	8.76B	110 B	56.6	23.0E	9.43	7.82	12.2	33.1	78.4	71.3	5
6	11.8 B	10.0 B	8.76B	170 B	54.5	22.0E	9.20	8.00	11.3	31.6	158	67.6	6
7	11.5 B	9.95B	8.85B	200 B	50.9	21.2E	8.76	8.01	10.8	30.8	175	64.5	7
8	11.3 B	9.90B	8.40B	243	47.5	20.3E	8.52	8.80	10.4	29.6	175	59.1	8
9	11.2 B	9.85B	10.3 B	245	45.3	19.6E	8.21	9.02	9.97	28.4	161	52.0B	9
10	11.0 B	9.80B	11.0 B	227	44.2	18.9E	7.91	8.42	9.57	27.9	136	46.0B	10
11	10.8 B	9.78B	11.1 B	205	43.6	18.1E	8.26	8.07	9.12	28.4	120	41.0B	11
12	10.6 B	9.78B	11.0 B	181	42.3	17.5E	8.26	7.93	8.98	27.5	107	38.0B	12
13	10.5 B	9.78B	10.9 B	168	46.0	16.9E	8.31	8.81	9.06	26.4	103	33.0B	13
14	10.3 B	9.70B	10.8 B	157	49.1	16.3E	9.72	18.2	8.87	25.4	89.2	31.5B	14
15	10.3 B	9.60B	10.7 B	149	50.7	15.6	9.02	21.7	8.44	24.5	82.3	29.7B	15
16	10.3 B	9.55B	10.6 B	137	54.7	15.1	9.12	23.2	8.14	24.1	103	28.2B	16
17	10.4 B	9.50B	10.4 B	127	54.7	14.2	8.67	24.0	8.20	28.2	117	27.3B	17
18	10.3 B	9.45B	10.3 B	117	53.5	13.6	8.26	23.1	8.88	40.8	120	26.3B	18
19	10.2 B	9.40B	10.2 B	106	50.4	13.2	7.85	20.3	8.35	46.2	115	26.0B	19
20	10.1 B	9.38B	10.2 B	96.7	47.4	13.0	7.58	18.3	10.3	50.2	106	35.0B	20
21	10.0 B	9.35B	10.1 B	85.2	45.7	12.7	8.13	16.4	11.3	52.1	96.3	37.0B	21
22	9.90B	9.30B	10.0 B	77.6	45.7	12.4	9.07	14.8	10.7	53.8	87.0	36.0B	22
23	9.70B	9.26B	10.0 B	72.2	45.8	12.4	8.88	13.4	11.2	51.8	78.1	35.0B	23
24	9.65B	9.20B	10.4 B	70.2	45.8	12.4	7.74	13.3	11.1	50.9	72.8	33.3B	24
25	9.60B	9.16B	13.0 B	67.3	45.7	13.0	7.78	14.2	10.8	50.2	68.0	32.2B	25
26	9.50B	9.10B	20.0 B	66.5	43.2	13.1	10.4	14.7	10.2	47.5	65.9	30.5B	26
27	9.45B	9.06B	27.0 B	65.8	40.8	12.8	11.8	14.3	11.9	45.8	88.1	28.0B	27
28	9.40B	9.03B	33.0 B	64.5	39.0	12.9	11.4	16.5	12.5	69.8	126	27.5B	28
29	9.35B	9.00B	38.0 B	63.1	37.1	12.3	10.7	18.0	11.5	72.8	125	26.0B	29
30	9.40B		44.0 B	62.0	35.2	11.8	9.87	17.0	11.2	69.3	122	24.7B	30
31	9.80B		53.0 B		33.5		8.78	15.8		66.3		23.7B	31
TOTAL	328.85	278.70	467.24	3 586.3	1 490.4	510.0	243.38	426.47	316.30	1 221.6	3 150.0	1 394.4	TOTAL
MEAN	10.6	9.61	15.1	120	48.1	17.0	7.14	13.8	10.5	39.4	105	45.0	MEAN
MAX	13.2	10.3	53.0	245	61.6	30.0	11.8	24.0	14.7	72.8	175	114	MAX
MIN	9.35	9.00	8.76	57.0	33.5	11.8	7.58	7.29	8.14	12.6	63.8	23.7	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 35.8
MAXIMUM DAILY, 245 ON APR 9
MINIMUM DAILY, 7.29 ON AUG 4
MAXIMUM INSTANTANEOUS,
262 AT 21:49 EST ON APR 8

SUMMARY FOR THE YEAR 1988

TYPE OF GAUGE - RECORDING
LOCATION - LAT 48 23 36 N
LONG 83 17 10 W
DRAINAGE AREA, 1 980 km²

B - ICE CONDITIONS
E - ESTIMATED
REGULATED

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	28 500	JUL	26 500
FEB	24 100	AUG	37 000
MAR	40 400	SEP	27 500
APR	310 000	OCT	105 000
MAY	128 000	NOV	272 000
JUN	44 100	DEC	120 000

TOTAL DISCHARGE, 1 180 000 dam³

LONG LAKE AT LONGLAC - STATION NO. 04JD001

DAILY WATER LEVEL IN METRES FOR 1988

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	312.450	311.950	311.520	311.310	312.100	313.450	313.460	313.140	313.320	313.580	313.500	313.500	1
2	312.430	311.930	311.520	311.310	312.180	313.440	313.460	313.140	313.330	313.520	313.500	313.510	2
3	312.420	311.910	311.500	311.310	312.260	313.420	313.460	313.160	313.350	313.490	313.480	313.510	3
4	312.410	311.900	311.500	311.310	312.350	313.410	313.460	313.160	313.350	313.470	313.460	313.510	4
5	312.400	311.880	311.500	311.310	312.450	313.380	313.440	313.180	313.380	313.460	313.420	313.500	5
6	312.380	311.880	311.470	311.300	312.550	313.350	313.440	313.220	313.390	313.480	313.420	313.500	6
7	312.380	311.850	311.470	311.300	312.650	313.350	313.440	313.250	313.420	313.480	313.420	313.480	7
8	312.350	311.830	311.480	311.300	312.740	313.330	313.430	313.230	313.420	313.480	313.410	317.480	8
9	312.330	311.810	311.480	311.300	312.840	313.320	313.420	313.240	313.420	313.480	313.400	313.470	9
10	312.310	311.800	311.450	311.300	312.930	313.320	313.400	313.270	313.410	313.480	313.380	313.480	10
11	312.300	311.780	311.440	311.300	313.000	313.310	313.380	313.250	313.420	313.480	313.380	313.480	11
12	312.280	311.780	311.410	311.300	313.070	313.280	313.370	313.220	313.440	313.470	313.380	313.450	12
13	312.270	311.780	311.400	311.300	313.110	313.270	313.370	313.210	313.450	313.490	313.370	313.430	13
14	312.250	311.730	311.400	311.300	313.230	313.280	313.340	313.240	313.450	313.460	313.380	313.420	14
15	312.230	311.720	311.390	311.320	313.270	313.280	313.320	313.300	313.480	313.450	313.380	313.410	15
16	312.230	311.700	311.390	311.350	313.330	313.310	313.320	313.320	313.480	313.450	313.350	313.400	16
17	312.200	311.680	311.390	311.400	313.370	313.330	313.310	313.300	313.480	313.470	313.360	313.380	17
18	312.180	311.670	311.380	311.420	313.410	313.360	313.280	313.330	313.450	313.480	313.340	313.270	18
19	312.180	311.660	311.370	311.440	313.430	313.360	313.280	313.320	313.480	313.490	313.340	313.340	19
20	312.160	311.650	311.380	311.470	313.440	313.370	313.260	313.300	313.490	313.500	313.340	313.330	20
21	312.140	311.640	311.380	311.530	313.480	313.380	313.240	313 300	313.530	313.500	313.380	313.330	21
22	312.120	311.630	311.350	311.580	313.440	313.380	313.240	313.290	313.580	313.500	313 400	313.330	22
23	312.100	311.620	311.340	311.820	313.480	313.400	313.230	313.280	313.570	313.490	313.410	313 300	23
24	312.080	311.600	311.340	311.880	313.480	313.410	313.210	313.270	313.580	313.500	313.430	313.300	24
25	312.070	311.590	311.330	311.720	313.510	313.430	313.190	313.260	313.580	313.500	313.440	313.300	25
26	312.050	311.570	311.330	311 790	313.500	313.440	313.180	313.280	313.580	313.500	313.440	313.280	26
27	312.030	311.560	311.320	311.850	313.500	313.460	313.170	313.300	313.580	313.460	313.470	313.270	27
28	312.010	311.550	311.320	311.900	313.480	313.480	313.170	313.290	313.600	313.490	313.480	313.270	28
29	311.990	311.540	311.320	311.980	313.480	313.450	313.170	313.290	313.610	313.480	313.490	313.250	29
30	311.970		311.320	312.030	313.470	313.460	313.180	313.280	313.610	313.480	313.500	313.240	30
31	311.960		311.310		313.460		313.170	313.290		313.480		313.230	31
MEAN	312.215	311.728	311.401	311.477	313.096	313.372	313.315	313.257	313.471	313.482	313.412	313.384	MEAN
MAX	312.480	311.980	311.520	312.030	313.510	313.480	313.480	313.330	313.610	313.580	313.500	313.510	MAX
MIN	311.980	311.540	311.310	311.300	312.100	313.270	313.180	313.140	313.320	313.460	313.340	313.230	MIN

WATER LEVELS IN METRES

MEAN, 313.808
MAXIMUM DAILY, 313.610 ON SEP 29
MINIMUM DAILY, 311.300 ON APR 5

SUMMARY FOR THE YEAR 1988

TYPE OF GAUGE - MANUAL
LOCATION - LAT 49 45 10 N
LONG 86 33 05 W
DATA CONTRIBUTED BY -
ONTARIO HYDRO

REGULATED

WATER LEVELS ARE REFERRED TO GEODETIC SURVEY OF CANADA DATUM

LONG LAKE DIVERSION TO LAKE SUPERIOR - STATION NO. 04JD003

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1988

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	30.5	36.2	27.5	22.0	0	98.0	62.4	31.6	28.8	100	95.2	53.8	1
2	30.3	37.6	27.6	22.0	0	96.6	61.7	32.6	28.0	99.4	93.1	51.7	2
3	30.2	37.8	26.9	22.3	0	94.3	60.6	32.6	29.6	98.1	92.3	56.0	3
4	29.6	37.2	26.8	22.3	0	92.7	59.8	32.6	30.7	96.6	93.1	57.2	4
5	32.7	36.3	26.7	22.3	0	92.3	60.2	33.4	30.1	96.4	94.7	57.2	5
6	37.7	35.6	26.8	22.3	0	88.2	60.2	34.0	29.8	95.2	94.7	57.2	6
7	37.1	35.6	26.7	22.8	0	86.8	59.8	33.1	29.8	95.2	91.8	57.2	7
8	37.1	35.0	26.7	23.4	0	86.8	59.8	34.4	30.4	95.6	90.2	58.1	8
9	36.1	35.0	26.7	23.2	0	87.7	59.5	34.4	40.8	94.3	89.0	55.7	9
10	35.8	34.4	26.4	23.2	21.7	86.8	59.5	33.1	46.0	96.0	89.8	56.3	10
11	36.6	33.7	26.1	23.2	40.2	86.8	59.5	42.6	47.1	96.0	87.7	54.8	11
12	36.6	33.4	25.6	23.7	41.8	85.9	58.0	47.3	47.4	95.8	86.8	54.2	12
13	34.2	33.1	25.2	24.8	44.8	85.9	58.6	46.8	51.8	93.8	86.6	54.6	13
14	33.8	33.1	25.2	24.8	45.6	40.2	52.8	48.0	54.8	93.8	86.1	54.6	14
15	34.2	32.8	24.8	21.4	48.8	28.8	50.0	48.0	54.3	93.8	85.7	53.6	15
16	33.8	32.2	24.8	22.8	79.8	28.3	49.7	77.2	53.8	93.5	85.5	52.7	16
17	33.8	31.8	24.8	23.6	91.4	29.0	49.0	91.0	54.3	95.8	83.5	52.7	17
18	33.8	31.8	24.3	24.0	91.8	29.0	48.6	89.4	54.8	96.4	48.3	51.8	18
19	41.8	31.8	23.7	1.00	93.1	28.8	48.6	88.1	54.8	96.4	48.3	52.0	19
20	47.7	31.2	23.4	0	94.7	30.8	48.3	88.6	56.8	96.0	50.4	52.0	20
21	48.8	30.3	23.2	0	96.4	30.8	47.6	88.1	57.6	81.2	50.4	56.3	21
22	48.2	30.8	23.2	0	97.3	32.4	48.8	88.6	86.6	97.3	50.7	53.4	22
23	44.8	29.4	23.2	0	97.3	49.3	48.8	84.4	101	96.4	51.4	54.1	23
24	44.2	29.4	22.8	0	97.7	58.1	45.6	86.1	100	96.8	51.1	53.4	24
25	43.2	29.1	23.4	0	96.8	60.2	38.6	86.8	101	96.0	51.8	53.7	25
26	41.8	29.4	23.4	0	97.3	61.0	32.6	86.8	102	96.8	52.8	52.3	26
27	41.2	29.1	23.2	0	97.3	61.3	31.8	86.1	103	98.2	54.6	52.3	27
28	40.2	28.8	22.8	0	96.8	62.1	31.6	86.6	102	96.6	53.8	51.8	28
29	40.2	28.1	22.8	0	96.0	62.8	31.8	86.8	102	96.2	53.8	50.8	29
30	40.6		22.6	0	96.4	62.8	32.6	86.8	101	93.8	54.3	43.7	30
31	38.2		22.3		96.0		31.2	87.7		94.3		38.4	31
TOTAL	1 187.6	851.6	769.8	414.80	1 788.6	1 887.1	1 540.4	1 886.1	1 805.8	2 957.0	2 178.5	1 841.1	TOTAL
MEAN	37.7	33.8	24.8	13.8	88.7	88.8	49.7	83.7	80.2	95.4	72.7	59.4	MEAN
MAX	47.7	36.2	27.6	24.8	97.7	86.0	62.4	91.0	103	100	95.2	88.8	MAX
MIN	28.8	28.1	22.3	0	0	28.0	31.2	31.6	28.8	81.2	48.3	38.4	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 61.3
MAXIMUM DAILY, 103 ON SEP 27
MINIMUM DAILY, 0 ON APR 30

SUMMARY FOR THE YEAR 1988

TYPE OF GAUGE - RECORDING
LOCATION - LAT 48 04 04 N
LONG 87 04 08 W

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	101 000	JUL	133 000
FEB	82 200	AUG	144 000
MAR	85 500	SEP	158 000
APR	35 800	OCT	255 000
MAY	152 000	NOV	188 000
JUN	147 000	DEC	159 000

TOTAL DISCHARGE, 1 820 000 dam³

DATA CONTRIBUTED BY -
ONTARIO HYDRO

REGULATED SINCE 1939

LONG-LEGGED RIVER BELOW LONG-LEGGED LAKE - STATION NO. 05OE012

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1988

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	0.428	0.470	0.598	0.854	1.78	3.03	2.38	2.33	1.33	1.85	1.42	1.74	1
2	0.436	0.470	0.516	0.861	1.68	3.23	2.31	2.24	1.36	1.63	1.40	1.76	2
3	0.440	0.473	0.599	0.869	1.97	3.33	2.21	2.16	1.34	1.76	1.43	1.74	3
4	0.450	0.475	0.602	0.870	2.15	3.34	2.17	2.09	1.30	1.63	1.41	1.73	4
5	0.444	0.480	0.612	0.879	2.16	3.29	2.40	2.02	1.22	1.65	1.42	1.72	5
6	0.438	0.488	0.640	0.889	2.13	3.26	2.78	1.85	1.15	1.58	1.41	1.75	6
7	0.438	0.486	0.638	0.892	2.28	3.13	3.07	1.80	1.07	1.57	1.38	1.76	7
8	0.443	0.483	0.678	0.908	2.48	3.02	3.08	1.88	1.04	1.58	1.38	1.71	8
9	0.444	0.482	0.671	0.932	2.58	3.01	3.04	1.77	1.02	1.61	1.37	1.69	9
10	0.438	0.485	0.688	0.946	2.58	2.86	2.87	1.68	0.987	1.69	1.38	1.68	10
11	0.441	0.487	0.858	0.970	2.55	2.84	2.81	1.68	1.12	1.55	1.34	1.68	11
12	0.441	0.487	0.864	1.01	2.67	2.83	2.88	1.81	1.32	1.43	1.35	1.69	12
13	0.435	0.481	0.838	1.08	2.89	2.78	2.84	1.67	1.32	1.41	1.39	1.71	13
14	0.435	0.580	0.840	1.09	2.84	2.76	2.87	1.55	1.30	1.41	1.42	1.70	14
15	0.448	0.585	0.829	1.11	2.77	2.67	3.06	1.51	1.25	1.42	1.44	1.68	15
16	0.482	0.572	0.828	1.18	2.74	2.76	3.08	1.48	1.27	1.51	1.77	1.67	16
17	0.473	0.572	0.828	1.25	2.70	2.88	3.05	1.38	1.32	1.51	1.80	1.66	17
18	0.469	0.575	0.837	1.26	2.61	2.87	2.98	1.30	1.34	1.46	1.81	1.69	18
19	0.482	0.588	0.822	1.28	2.74	2.81	2.93	1.24	1.48	1.45	1.78	1.71	19
20	0.479	0.580	0.801	1.32	2.82	2.67	2.91	1.19	1.46	1.40	1.78	1.71	20
21	0.485	0.570	0.808	1.38	2.78	2.38	2.85	1.07	1.38	1.51	1.75	1.69	21
22	0.486	0.805	0.824	1.38	2.83	2.34	2.74	1.10	1.38	1.37	1.78	1.74	22
23	0.493	0.594	0.831	1.41	2.84	2.07	2.82	1.34	1.40	1.46	1.78	1.78	23
24	0.511	0.593	0.851	1.48	2.70	2.08	2.72	1.52	1.35	1.54	1.78	1.85	24
25	0.498	0.590	0.814	1.57	2.62	2.81	2.81	1.58	1.38	1.53	1.78	1.86	25
26	0.483	0.586	0.881	1.80	2.69	2.72	2.53	1.48	1.44	1.48	1.78	1.83	26
27	0.437	0.588	0.832	1.84	2.88	2.86	2.48	1.55	1.55	1.48	1.83	1.90	27
28	0.447	0.597	0.842	1.87	2.88	2.83	2.48	1.51	1.50	1.57	1.78	1.82	28
29	0.448	0.588	0.852	1.74	2.74	2.49	2.80	1.44	1.53	1.49	1.78	1.81	29
30	0.457		0.882	1.77	2.73	2.44	2.53	1.36	1.54	1.42	1.78	1.80	30
31	0.470		0.858		2.86		2.43	1.31		1.43		1.80	31
TOTAL	14.218	15.566	21.072	38.001	76.79	83.29	84.33	48.75	38.447	47.06	47.83	54.45	TOTAL
MEAN	0.459	0.537	0.680	1.20	2.54	2.78	2.72	1.60	1.31	1.52	1.58	1.76	MEAN
MAX	0.511	0.805	0.882	1.77	2.84	3.34	3.08	2.33	1.55	1.78	1.90	1.92	MAX
MIN	0.428	0.470	0.599	0.854	1.78	2.07	2.17	1.07	0.987	1.37	1.34	1.68	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 1.58
MAXIMUM DAILY, 3.34 ON JUN 4
MINIMUM DAILY, 0.428 ON JAN 1
MAXIMUM INSTANTANEOUS,
3.53 AT 15:53 CST ON JUN 1

SUMMARY FOR THE YEAR 1988

TYPE OF GAUGE - RECORDING
LOCATION - LAT 50 40 35 N
LONG 93 58 07 W

NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	1 230	JUL	7 280
FEB	1 350	AUG	4 200
MAR	1 820	SEP	3 410
APR	3 110	OCT	4 070
MAY	6 610	NOV	4 120
JUN	7 200	DEC	4 700

TOTAL DISCHARGE, 49 400 dam³

LUCKNOW RIVER AT LUCKNOW - STATION NO. 03FD002

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1988

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	0.822	8.37	0.8198	2.42	0.822	0.245	0.106	0.120	0.105	0.122	1.30	1.42	1
2	0.805	4.17	0.7748	2.14	0.573	0.252	0.101	0.115	0.107	0.387	1.16	1.35	2
3	0.762	2.78	0.7628	2.11	0.514	0.324	0.089	0.100	0.117	0.448	1.04	1.31	3
4	0.741	1.83	0.7328	2.20	0.481	0.303	0.089	0.080	0.188	0.318	0.848	1.28	4
5	0.7378	1.48 B	0.7128	2.03	0.480	0.287	0.081	0.088	0.411	0.304	1.02	1.15	5
6	0.7288	1.37 B	0.682	1.73	0.477	0.201	0.088	0.117	0.288	0.250	1.23	1.02	6
7	0.7048	1.27 B	0.707	1.56	0.428	0.182	0.085	0.103	0.193	0.238	1.12	0.831	7
8	0.6888	1.19 B	1.00	1.40	0.388	0.161	0.082	0.096	0.150	0.217	1.28	0.853	8
9	0.6808	1.17 B	2.87	1.24	0.462	0.177	0.080	0.114	0.128	0.185	1.48	0.788	9
10	0.6708	1.02 B	3.53	1.14	0.834	0.188	0.082	0.116	0.124	0.288	4.43	0.882	10
11	0.6808	0.9568	3.69	1.01	0.745	0.159	0.082	0.127	0.116	1.10	5.10	0.8828	11
12	0.680	0.8888	2.87	0.940	0.578	0.161	0.088	0.185	0.114	1.21	3.38	0.8338	12
13	0.6408	0.8088	2.38	0.884	0.514	0.188	0.092	0.127	0.123	1.09	3.80	0.8918	13
14	0.6308	1.02 B	1.94 B	0.871	0.473	0.148	0.091	0.128	0.118	0.865	3.80	0.818	14
15	0.8228	1.38	1.63 B	1.04	0.884	0.123	0.093	0.202	0.113	0.817	2.84	0.8218	15
16	0.6808	1.93 B	1.38	0.884	1.80	0.121	0.101	0.143	0.116	0.430	1.80	0.8028	16
17	0.733	1.82 B	1.25	0.837	1.17	0.113	0.105	0.137	0.147	0.356	1.85	0.8988	17
18	1.73	1.66 B	1.21	0.863	0.772	0.118	0.108	0.134	0.184	0.783	1.31	0.8988	18
19	1.78	1.41 B	1.11	0.868	0.628	0.107	0.100	0.118	0.203	0.803	1.16	0.8258	19
20	2.38	1.28 B	1.06 B	0.826	0.884	0.110	0.090	0.110	0.304	0.586	1.15	1.77	20
21	2.77	1.17 B	1.03 B	0.810	1.27	0.110	0.093	0.101	0.222	0.438	1.78	4.78	21
22	2.30 B	1.10 B	0.985	0.730	1.14	0.128	0.103	0.097	0.182	0.448	1.70	3.38	22
23	1.71	1.16	1.86	0.822	0.808	0.147	0.098	0.095	0.281	0.430	1.42	3.03	23
24	1.36	1.14 B	3.78	1.04	0.838	0.134	0.103	0.100	0.240	1.28	1.21	3.08	24
25	1.19	1.08 B	8.78	0.882	0.802	0.132	0.100	0.119	0.188	4.41	1.08	2.37	25
26	1.08	0.9728	7.70	0.788	0.445	0.128	0.087	0.188	0.142	7.58	0.893	1.74	26
27	0.9808	0.923	6.08	0.767	0.412	0.112	0.093	0.188	0.131	5.95	1.06	1.88	27
28	0.9188	0.8888	3.38	0.777	0.388	0.116	0.083	0.133	0.123	3.88	1.04	3.18	28
29	0.8628	0.852	3.47	0.708	0.336	0.115	0.082	0.118	0.118	2.69	1.14	2.44	29
30	1.68		4.28	0.688	0.301	0.109	0.080	0.116	0.116	1.84	1.26	1.78	30
31	8.84		3.22		0.259		0.112	0.111		1.48		1.38	31
TOTAL	39.482	46.282	73.427	35.184	19.893	4.595	2.918	3.801	5.023	41.048	53.111	46.908	TOTAL
MEAN	1.27	1.67	2.37	1.17	0.642	0.153	0.094	0.123	0.167	1.32	1.77	1.51	MEAN
MAX	8.84	8.37	7.70	2.42	1.80	0.252	0.112	0.202	0.411	7.58	5.10	4.78	MAX
MIN	0.822	0.806	0.682	0.688	0.259	0.107	0.080	0.088	0.106	0.122	0.848	0.891	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 1.02
MAXIMUM DAILY, 8.37 ON FEB 1
MINIMUM DAILY, 0.080 ON JUL 8
MAXIMUM INSTANTANEOUS,
11.8 AT 00:38 EST ON FEB 1

SUMMARY FOR THE YEAR 1988

TYPE OF GAUGE - RECORDING
LOCATION - LAT 43 57 44 N
LONG 81 30 55 W
DRAINAGE AREA, 54.8 km²

B - ICE CONDITIONS

NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	3 410	JUL	282
FEB	4 170	AUG	328
MAR	6 340	SEP	434
APR	3 040	OCT	3 550
MAY	1 720	NOV	4 590
JUN	387	DEC	4 050

TOTAL DISCHARGE, 32 300 dam³

LUTTERAL CREEK NEAR DUSTIC - STATION NO. 02GA033

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1988

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	0.3958	1.70 B	0.3758	2.17	0.712	0.180	0.020	0.151	0.004	0.128	0.391	0.712	1
2	0.3588	3.00 B	0.3688	1.83	0.838	0.145	0.024	0.233	0.116	0.352	0.380	0.835	2
3	0.3308	1.59 B	0.3628	2.84	0.577	0.124	0.027	0.120	0.014	0.522	0.353	0.567	3
4	0.3058	1.05 B	0.3608	5.10	0.510	0.122	0.111	0.138	0.122	0.328	0.328	0.518	4
5	0.2858	0.7808	0.3588	4.46	0.468	0.108	0.089	0.088	0.484	0.291	0.454	0.485	5
6	0.2658	0.6408	0.3568	3.03	0.437	0.105	0.007	0.078	0.248	0.272	0.880	0.451	6
7	0.2528	0.5708	0.3558	2.32	0.383	0.108	0.012	0.071	0.187	0.244	0.782	0.481	7
8	0.2428	0.5208	0.3708	1.84	0.341	0.181	0.012	0.194	0.088	0.176A	0.859	0.488	8
9	0.2358	0.4908	0.5008	1.49	0.331	0.184	0.013	0.113	0.145	0.232E	1.00	0.411	9
10	0.2288	0.4858	0.6308	1.24	0.424	0.137	0.013	0.128	0.050	0.280E	1.24	0.3608	10
11	0.2208	0.4538	0.9008	1.04	0.454	0.048	0.015	0.118	0.048	0.280E	1.42	0.3108	11
12	0.2138	0.4608	2.20 B	0.953	0.390	0.078	0.021	0.142	0.213	0.220E	1.10	0.2908	12
13	0.2098	0.4958	1.55 B	0.897	0.388	0.154	0.010	0.023	0.118	0.180E	1.57	0.2708	13
14	0.2078	0.5258	1.10 B	0.812	0.363	0.110	0.088	0.023	0.078	0.110A	1.86	0.2588	14
15	0.2108	0.5808	0.8508	1.08	0.424	0.112	0.077	0.187	0.080	0.219A	1.62	0.2458	15
16	0.2308	0.7008	0.7008	0.980	1.19	0.150	0.013	0.074	0.110	0.207A	1.38	0.2308	16
17	0.3008	0.8208	0.6708	0.803	0.883	0.084	0.020	0.030	0.053	0.182A	1.11	0.2208	17
18	0.4008	0.8808	0.6008	0.834	0.841	0.039	0.110	0.112	0.285	0.323A	0.898	0.2108	18
19	0.5208	0.8408	0.4358	0.883	0.843	0.038	0.107	0.045	0.212	0.339A	0.763	0.268	19
20	1.00 B	0.8808	0.3738	0.808	0.898	0.041	0.100	0.033	0.234	0.284	0.878	0.253	20
21	2.26 B	0.8158	0.4058	0.914	0.570	0.118	0.098	0.038	0.148	0.289	1.88	0.841	21
22	2.50 B	0.5808	0.5508	0.807	0.514	0.039	0.115	0.033	0.182	0.381	1.44	0.378	22
23	2.00 B	0.5058	0.8508	0.887	0.816	0.073	0.027	0.111	0.224	0.380	1.34	0.441	23
24	1.65 B	0.4808	3.75 B	0.844	0.448	0.133	0.102	0.188	0.191	0.421	1.11	0.700E	24
25	1.35 B	0.4508	5.80 B	0.828	0.383	0.038	0.218	0.081	0.148	0.523	0.800	0.580E	25
26	1.17 B	0.4308	7.80 B	0.778	0.307	0.041	0.248	0.111	0.143	0.773	0.813	0.510E	26
27	0.8808	0.4108	5.04	0.743	0.272	0.181	0.180	0.018	0.153	0.674	0.638	0.700E	27
28	0.5008	0.3958	3.55	0.736	0.230	0.021	0.148	0.014	0.148	0.858	0.775	1.30 E	28
29	0.8258	0.3858	2.85	0.737	0.204	0.023	0.080	0.100	0.153	0.581	0.674	1.70 E	29
30	0.8288		2.73	0.801	0.172	0.084	0.127	0.132	0.118	0.540	0.672	1.40 E	30
31	1.15 B		2.35		0.188		0.377	0.087		0.432		1.15 E	31
TOTAL	33.022	30.536	48.288	43.782	14.850	2.887	2.586	3.001	4.488	10.940	29.515	17.026	TOTAL
MEAN	0.710	0.706	1.58	1.48	0.479	0.100	0.084	0.087	0.150	0.353	0.984	0.549	MEAN
MAX	2.50	3.00	7.80	5.10	1.19	0.184	0.377	0.233	0.484	0.773	1.88	1.70	MAX
MIN	0.207	0.385	0.355	0.736	0.188	0.021	0.007	0.014	0.004	0.110	0.328	0.210	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 0.804
MAXIMUM DAILY, 7.808 ON MAR 26
MINIMUM DAILY, 0.004 ON SEP 1
MAXIMUM INSTANTANEOUS,
5.14 AT 23:50 EST ON MAR 26

SUMMARY FOR THE YEAR 1988

TYPE OF GAUGE - RECORDING
LOCATION - LAT 43 38 48 N
LONG 80 15 19 W
DRAINAGE AREA, 84.8 km²
A - MANUAL GAUGE
B - ICE CONDITIONS
E - ESTIMATED
REGULATED

MONTHLY TOTAL DISCHARGE
IN CUBIC DECAMETRES

JAN	1 980	JUL	324
FEB	1 770	AUG	268
MAR	4 280	SEP	389
APR	3 780	OCT	945
MAY	1 280	NOV	2 550
JUN	389	DEC	1 470

TOTAL DISCHARGE, 19 100 dam³

LYN CREEK NEAR LYN - STATION NO. 02MB006

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1988

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	0.7868	3.25 B	0.8248	5.68	2.48	0.426	0.258	0.834	0.084	0.042	1.13	1.48	1
2	0.6998	1.88 B	0.7388	4.80	1.80	0.382	0.265	0.826	0.077	0.072	1.67	1.31	2
3	0.6298	0.8748	0.8758	4.66	1.58	0.333	0.223	0.017	0.074	0.263	4.52	1.24	3
4	0.5338	0.6988	0.6368	5.82	1.30	0.304	0.132	0.015	0.081	0.320	4.35	1.15	4
5	0.4378	0.5418	0.5238	7.37	1.12	0.280	0.088	0.027	0.077	0.185	3.11	1.08	5
6	0.3778	0.5238	0.5128	5.24	0.957	0.217	0.048	0.030	0.085	0.122	4.88	0.901	6
7	0.3188	0.8068	0.5298	4.38	0.820	0.182	0.038	0.022	0.084	0.134	5.94	0.880	7
8	0.3028	0.5948	0.6708	3.78	0.783	0.180	0.028	0.020	0.087	0.180	5.10	0.832	8
9	0.2918	0.5838	1.25 B	3.72	0.884	0.158	0.020	0.021	0.088	0.089	4.72	0.898	9
10	0.2788	0.5278	4.36 B	3.04	0.828	0.144	0.018	0.025	0.085	0.081	4.23	0.714	10
11	0.2728	0.4838	2.88 B	2.38	0.570	0.124	0.020	0.025	0.080	0.108	3.82	0.530	11
12	0.2658	0.5448	1.77 B	2.00	0.494	0.101	0.018	0.025	0.044	0.117	3.11	0.4278	12
13	0.2578	0.7848	1.38 B	1.73	0.472	0.090	0.018	0.033	0.058	0.115	2.72	0.3778	13
14	0.2508	0.8478	1.40	1.54	0.494	0.078E	0.018	0.025	0.058	0.108	3.18	0.3248	14
15	0.2428	0.8088	1.77	1.48	0.448	0.070E	0.018	0.026	0.061	0.099	2.98	0.2818	15
16	0.2388	0.8408	1.84	1.34	0.438	0.062E	0.018	0.026	0.048	0.087	2.44	0.2728	16
17	0.262	0.8098	2.67	1.21	1.38	0.052	0.017	0.033	0.058	0.118	2.28	0.2858	17
18	0.351	0.7228	2.87	1.07	1.58	0.042	0.018	0.033	0.104	0.107	2.33	0.2578	18
19	0.684	0.6998	1.82	0.967	1.30	0.037	0.018	0.038	0.083	0.1018	2.05	0.2508	19
20	0.704	0.8748	1.56	0.880	2.38	0.046	0.020	0.034	0.081	0.1298	2.02	0.2638	20
21	1.49	1.12	1.25	0.944	3.44	0.070	0.021	0.040	0.088	0.128	2.71	0.884	21
22	0.8088	1.01	1.07	0.889	1.96	0.070	0.020	0.036	0.058	0.488	4.17	0.485	22
23	0.4628	2.02	1.11	0.855	1.58	0.082	0.020	0.034	0.088	1.18	3.17	0.303	23
24	0.3988	2.20	3.88 B	0.863	1.20	0.117	0.020	0.044E	0.088	2.38	2.87	0.375	24
25	0.3868	2.22	5.84 B	0.911	0.980	0.127	0.022	0.088E	0.087	5.87	2.30	0.4888	25
26	0.3688	1.80 B	13.7 B	0.857	0.837	0.110	0.081	0.134E	0.083	4.62	2.02	0.4158	26
27	0.3548	1.28 B	12.7	0.821	0.882	0.121	0.088	0.193	0.051	2.53	1.85	0.385	27
28	0.3648	1.02 B	8.87	1.04	0.588	0.118	0.088	0.188	0.041	1.88	1.81	0.428	28
29	0.3808	0.9388	7.16	2.82	0.483	0.120	0.078	0.158	0.040	1.77	1.73	0.448	29
30	0.4178		5.81	3.87	0.471	0.150	0.088	0.141	0.038	1.47	1.81	0.414	30
31	2.02 B		5.46		0.498		0.041	0.110		1.23		0.380	31
TOTAL	15.573	31.118	100.253	78.887	34.361	4.371	1.818	1.888	1.888	25.934	81.30	18.617	TOTAL
MEAN	0.503	1.07	3.23	2.68	1.11	0.148	0.088	0.083	0.083	0.837	3.04	0.801	MEAN
MAX	2.02	3.25	13.7	8.72	3.44	0.426	0.265	0.193	0.108	5.87	5.94	1.48	MAX
MIN	0.238	0.483	0.812	0.831	0.438	0.037	0.018	0.015	0.038	0.042	1.13	0.380	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 1.11
MAXIMUM DAILY, 13.78 ON MAR 26
MINIMUM DAILY, 0.015 ON JUL 13

SUMMARY FOR THE YEAR 1988

TYPE OF GAUGE - RECORDING
LOCATION - LAT 44 31 30 N
LONG 75 48 19 W

B - ICE CONDITIONS
E - ESTIMATED
REGULATED

MONTHLY TOTAL DISCHARGE
IN CUBIC DECAMETRES

JAN	1 350	JUL	157
FEB	2 680	AUG	143
MAR	6 680	SEP	184
APR	5 800	OCT	2 240
MAY	2 970	NOV	7 890
JUN	378	DEC	1 810

TOTAL DISCHARGE, 35 100 dam³

LYNDE CREEK NEAR WHITBY - STATION NO. 02HC018

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1988

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	0.450B	4.00 B	0.535B	1.53	1.13	0.309	0.194	0.278E	0.188	0.268	0.410E	0.522	1
2	0.425B	1.15 B	0.620B	1.52	0.841	0.304	0.209	0.237E	0.188	0.538	0.440E	0.518	2
3	0.405B	0.780B	0.670B	5.32	0.638	0.284	0.199	0.210E	0.212	0.557	0.415E	0.536	3
4	0.385B	0.680B	0.565B	7.39	0.738	0.401	0.174	0.185E	1.30	0.468	0.400E	0.419B	4
5	0.370B	0.620B	0.555B	3.06	0.673	0.307	0.143	0.183E	0.800	0.558	1.05 E	0.439B	5
6	0.355B	0.585B	0.550B	2.36	0.550	0.291	0.138	0.188E	0.540	0.418	2.87 E	0.488	6
7	0.345B	0.550B	2.84 B	2.08	0.580	0.281	0.145	0.152E	0.388	0.397	1.90 E	0.465	7
8	0.335B	0.540B	3.56 B	1.86	0.550	0.246	0.125	0.131E	0.318	0.358	1.00 E	0.370B	8
9	0.325B	0.530B	3.12 B	1.46	0.671	0.235	0.105	0.138E	0.280	0.388	1.03 E	0.300B	9
10	0.318B	0.517B	4.14 B	1.22	0.510	0.256	0.109	0.124E	0.209	0.598	1.15 E	0.287B	10
11	0.315B	0.508B	3.85 B	1.04	0.550	0.231	0.145	0.111E	0.188	0.522	1.02 E	0.253B	11
12	0.312B	0.503B	2.48 B	0.948	0.493	0.208	0.188	0.153E	0.185	0.404	0.700E	0.242B	12
13	0.308B	0.500B	1.36 B	0.934	0.507	0.170	0.128	0.142E	0.205	0.358	2.34 E	0.234B	13
14	0.305B	0.488B	1.10 B	1.40	0.507	0.180	0.110	0.134E	0.181	0.381	2.20 E	0.229B	14
15	0.303B	0.580B	0.900B	3.55	0.518	0.151	0.112	0.188E	0.184	0.377	1.50 E	0.226B	15
16	0.301B	1.10 B	0.820B	1.81	1.11	0.184	0.141E	0.168E	0.167	0.323	0.851E	0.223B	16
17	0.580B	2.00 B	0.840B	1.19	1.08	0.171	0.228E	0.288	0.430	0.337	0.778	0.220B	17
18	1.20 B	1.70 B	1.42 B	1.37	0.884	0.178	0.170E	0.224	0.317	0.838	0.884	0.217B	18
19	0.880B	1.43 B	1.00 B	1.12	1.01	0.151	0.150E	0.185	0.286	0.787	0.628	0.323B	19
20	2.25 B	2.03 B	0.800B	1.05	1.48	0.147	0.138E	0.135	0.355	0.507	0.707	0.290B	20
21	1.60 B	1.80 B	0.680B	1.33	1.36	0.143	0.148E	0.121	0.331	0.448	1.43	0.268B	21
22	0.900B	1.28 B	0.800B	0.871	0.851	0.844	0.105E	0.105	0.301	0.879	0.924	0.247B	22
23	0.600B	2.30 B	1.90 B	0.888	0.709	1.50	0.105E	0.142	0.830	0.850	0.788	0.340B	23
24	0.550B	1.60 B	5.81 B	0.895	0.588	0.465	0.147E	0.218	0.412	0.783	0.703	0.300B	24
25	0.520B	1.00 B	5.10 B	0.748	0.557	0.359	0.298E	0.630	0.295	0.843	0.851	0.280B	25
26	0.485B	0.760B	5.74 B	0.805	0.531	0.287	1.68 E	0.452	0.268	0.670	0.605	0.242B	26
27	0.478B	0.620B	3.00 B	0.853	0.453	0.279	0.817E	0.386	0.314	0.584	0.605	0.600B	27
28	0.480B	0.580B	1.50 B	1.04	0.420	0.270	0.503E	0.298	0.362	0.554	0.605	3.50 B	28
29	0.450B	0.550B	1.72 B	1.52	0.378	0.218	0.333E	0.281	0.315	0.578E	0.588	1.73 B	29
30	0.445B		2.17	1.87	0.334	0.194	0.350E	0.243	0.280	0.500E	0.549	0.998B	30
31	1.50 B		1.88		0.300		0.303E	0.213		0.400E		0.687B	31
TOTAL	18.180	31.181	82.855	52.844	21.913	8.345	7.810	8.475	10.351	15.555	29.511	15.611	TOTAL
MEAN	0.586	1.08	2.03	1.75	0.707	0.312	0.252	0.209	0.345	0.534	0.984	0.510	MEAN
MAX	2.25	4.00	5.81	7.39	1.48	1.50	1.68	0.630	1.30	0.939	2.87	3.50	MAX
MIN	0.301	0.488	0.535	0.748	0.300	0.143	0.105	0.105	0.167	0.288	0.400	0.217	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 0.772
MAXIMUM DAILY, 7.39 ON APR 6
MINIMUM DAILY, 0.105 ON JUL 9
MAXIMUM INSTANTANEOUS,
24.3 AT 05:42 EST ON MAR 24

SUMMARY FOR THE YEAR 1988

TYPE OF GAUGE - RECORDING
LOCATION - LAT 43 53 32 N
LONG 78 57 43 W.
DRAINAGE AREA, 105 km²

B - ICE CONDITIONS
E - ESTIMATED
NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	1 570	JUL	675
FEB	2 690	AUG	558
MAR	5 430	SEP	894
APR	4 550	OCT	1 430
MAY	1 890	NOV	2 550
JUN	807	DEC	1 370

TOTAL DISCHARGE, 24 400 dam³

LYNN RIVER AT SIMCOE - STATION NO. 02EC005

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1988

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	2.15	2.96	1.708	2.17	1.73	0.583	0.673	1.32	0.955	0.908	1.35	1.95	1
2	1.99	2.208	1.83	2.14	1.56	1.04	0.670	1.54	0.837	1.19	1.34	1.58	2
3	1.788	1.678	2.17	2.27	1.76	1.00	0.881	1.20	2.34	1.00	1.32	1.55	3
4	1.818	1.888	1.84	2.38	1.54	0.891	0.680	1.17	1.84	0.870	1.35	1.50	4
5	1.488	1.578	1.80	2.30	1.35	0.844	0.780	1.09	1.34	0.829	1.61	1.55	5
6	1.328	1.488	1.80	2.41	1.48	0.908	0.599	1.40	1.53	0.804	1.55	1.48	6
7	1.288	1.438	1.94	2.17	1.42	0.890	0.410	1.30	1.11	0.800	1.91	1.53	7
8	1.208	1.388	1.98	1.87	1.38	0.802	0.471	1.21	1.07	0.908	2.15	1.47	8
9	1.178	1.338	2.36	1.94	1.47	0.854	0.580	1.07	0.814	0.826	2.01	1.50	9
10	1.148	1.308	2.40	1.89	1.48	0.888	0.564	1.04	0.884	1.42	2.18	1.40	10
11	1.128	1.268	2.18	1.84	1.41	0.854	0.635	1.02	0.928	1.43	1.98	1.33	11
12	1.118	1.278	2.22	1.81	1.53	0.803	0.828	1.28	0.988	1.23	1.79	1.298	12
13	1.108	1.288	2.29	1.78	1.38	0.816	0.808	1.82	0.958	1.11	2.87	1.278	13
14	1.088	1.338	2.22	1.75	1.30	0.787	1.12	1.27	0.945	1.04	2.77	1.40	14
15	1.088	2.24	2.08	1.74	1.37	0.744	0.903	1.39	0.908	1.01	2.32	1.39	15
16	1.55	2.26	1.84	1.70	1.69	0.788	0.888	1.18	0.888	1.00	2.32	1.29	16
17	1.83	2.15	1.86	1.67	1.80	0.782	5.08	1.14	1.05	1.10	2.04	1.33	17
18	1.87	2.07	1.86	1.67	1.47	0.735	2.74	1.02	0.871	1.78	1.89	1.28	18
19	1.73	2.18	1.83	1.67	1.68	0.722	1.70	0.948	0.889	1.52	1.79	1.33	19
20	1.98	3.07	1.83	1.47	1.48	0.738	1.23	0.903	0.948	1.34	2.18	1.88	20
21	1.828	2.508	1.74	1.88	1.44	0.735	1.22	0.818	0.923	1.38	2.61	1.78	21
22	1.808	2.87	1.87	1.82	1.43	0.775	1.35	0.817	0.822	1.37	2.48	1.88	22
23	1.428	5.75	1.89	1.74	1.38	0.888	3.31	0.988	1.41	1.36	2.13	2.12	23
24	1.318	2.978	1.88	1.85	1.32	0.748	2.63	1.12	1.03	2.17	1.97	2.03	24
25	1.268	2.108	2.73	1.88	1.27	0.720	1.63	1.05	0.943	2.17	1.84	1.81	25
26	1.218	1.908	3.48	1.87	1.24	0.781	3.28	0.872	0.821	1.77	1.82	1.70	26
27	1.178	1.828	3.29	1.85	1.02	0.784	1.80	0.844	0.824	1.85	1.84	1.88	27
28	1.188	1.778	2.75	1.84	1.10	0.888	1.85	1.38	0.887	1.82	1.78	3.11	28
29	1.148	1.738	2.52	1.89	1.07	0.708	1.53	1.14	0.891	1.43	1.71	2.81	29
30	2.22		2.45	1.80	1.24	0.648	1.36	1.04	0.884	1.39	1.81	2.15	30
31	2.82		2.13		1.03		1.31	1.00		1.38		2.00	31
TOTAL	48.48	60.80	67.07	55.48	43.58	24.558	43.088	35.556	31.824	40.185	58.82	51.88	TOTAL
MEAN	1.50	2.10	2.16	1.85	1.41	0.819	1.39	1.15	1.06	1.30	1.95	1.67	MEAN
MAX	2.82	5.75	3.48	2.41	1.76	1.04	5.08	1.82	2.34	2.17	2.87	3.11	MAX
MIN	1.08	1.28	1.87	1.47	1.02	0.648	0.410	0.903	0.814	0.900	1.32	1.27	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 1.53
MAXIMUM DAILY, 5.75 ON FEB 23
MINIMUM DAILY, 0.410 ON JUL 7
MAXIMUM INSTANTANEOUS,
14.8 AT 07:48 EST ON JUL 17

SUMMARY FOR THE YEAR 1988

TYPE OF GAUGE - RECORDING
LOCATION - LAT 42 49 31 N
LONG 80 17 32 W
DRAINAGE AREA, 134 km²

B - ICE CONDITIONS

REGULATED

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	4 610	JUL	3 720
FEB	5 280	AUG	3 070
MAR	5 780	SEP	3 780
APR	4 780	OCT	3 470
MAY	3 770	NOV	5 080
JUN	2 120	DEC	4 480

TOTAL DISCHARGE, 48 300 dam³

MAD RIVER BELOW AVENING - STATION NO. 02ED015

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1988

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	---	---	---	---	---	---	0.905	0.708	0.881	0.828	1.67	2.88	1
2	---	---	---	---	---	---	0.882	0.844	0.820	1.58	1.73	2.85	2
3	---	---	---	---	---	1.38 A	0.826	0.906	0.838	1.70	1.58	2.68	3
4	---	---	---	---	---	1.87	0.818	0.888	1.57	1.41	1.54	2.32	4
5	---	---	---	---	---	1.42	0.782	0.810	3.19	1.83	1.95	2.42	5
6	---	---	---	---	---	1.30	0.812A	0.827	1.58	2.82	2.90	2.47	6
7	---	---	---	---	---	1.45	0.853	0.880	1.06	2.08	2.35	2.48	7
8	---	---	---	---	---	1.49	0.780	0.836	0.950	1.82	2.64	2.28	8
9	---	---	---	---	---	1.38	0.893	0.867	0.736	1.43	3.00	2.12	9
10	---	---	---	---	---	1.37	0.815	0.837	0.842	1.21	7.05	1.858	10
11	---	---	---	---	---	1.15	0.841	0.863	0.840	1.45	6.30	1.788	11
12	---	---	---	---	---	1.09	0.853	0.842	0.884	2.01	4.86	1.858	12
13	---	---	---	---	---	1.06	0.892	0.838	0.737	2.02	6.96	1.808	13
14	---	---	---	---	---	1.05	0.706	0.821	0.738	2.40	5.86	1.858	14
15	---	---	---	---	---	0.893	0.883	0.860	0.827	3.28	4.56	1.808	15
16	---	---	---	---	---	0.883	0.846	0.884	0.867	2.45	4.35	1.828	16
17	---	---	---	---	---	1.04	0.859	0.790	0.897	1.86	4.18	1.788	17
18	---	---	---	---	---	0.838	0.886	0.821	0.736	2.74	3.70	1.788	18
19	---	---	---	---	---	0.818	0.881	0.877	0.802	2.47	3.44	2.058	19
20	---	---	---	---	---	1.03	0.847	0.872	0.781	1.88	3.84	2.008	20
21	---	---	---	---	---	0.939	0.836	0.853	0.870	1.74	5.09	4.538	21
22	---	---	---	---	---	2.15	M.825	0.882	0.783	1.80	4.09	2.788	22
23	---	---	---	---	---	2.40	0.802	0.847	1.03	1.74	3.70	3.208	23
24	---	---	---	---	---	1.80	M.842	0.887	0.839	1.88	3.48	2.858	24
25	---	---	---	---	---	1.32	0.881	0.811	0.898	2.08	3.33	2.508	25
26	---	---	---	---	---	1.17	0.780	0.831	0.887	2.11	3.25	2.408	26
27	---	---	---	---	---	1.12	0.729	0.802	0.718	1.84	3.44	2.208	27
28	---	---	---	---	---	0.978	0.885	0.876	0.858	1.89	3.24	2.858	28
29	---	---	---	---	---	1.07	0.883	0.718	0.885	1.77	3.03	2.208	29
30	---		---	---	---	0.887	0.884	0.885	0.823	1.88	2.88	2.748	30
31	---		---		---		0.841	0.838		1.80		2.858	31
TOTAL	---	---	---	---	---	---	21.734	19.256	25.437	58.678	109.47	78.71	TOTAL
MEAN	---	---	---	---	---	---	0.701	0.821	0.881	1.90	3.85	2.47	MEAN
MAX	---	---	---	---	---	---	0.912	0.931	3.19	3.28	7.05	4.53	MAX
MIN	---	---	---	---	---	---	0.841	0.483	0.838	0.828	1.54	1.80	MIN

SUMMARY FOR THE YEAR 1988

TYPE OF GAUGE - RECORDING
LOCATION - LAT N
LONG W

A - MANUAL GAUGE
B - ICE CONDITIONS

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	---	JUL	1 680
FEB	---	AUG	1 680
MAR	---	SEP	2 230
APR	---	OCT	5 090
MAY	---	NOV	9 480
JUN	---	DEC	6 830

REMARKS - STATION ACTIVATED JUN 1988 TO REPLACE 02ED008

MADAWASKA RIVER AT BARK LAKE DAM - STATION NO. 02KD007

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1988

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	28.7	85.8	63.2	---	4.00	35.8	---	---	8.80	3.00	30.0	37.8	1
2	28.7	83.7	52.1	---	5.10	23.1	---	3.00	8.80	3.00	35.0	37.0	2
3	25.8	78.8	43.6	---	28.2	11.8	---	8.80	8.70	3.00	34.8	36.8	3
4	25.8	78.2	28.0	16.7	28.7	---	2.80	8.80	8.80	3.00	33.6	35.4	4
5	83.3	87.6	---	14.8	52.2	---	8.80	3.00	8.80	3.00	33.6	36.3	5
6	97.8	---	---	15.5	61.7	8.40	8.80	---	3.00	3.00	33.6	35.3	6
7	88.2	---	37.5	16.0	---	12.8	8.80	---	3.00	3.00	31.4	35.0	7
8	90.4	77.1	28.8	16.7	---	19.7	8.80	3.00	3.00	3.00	24.0	34.8	8
9	84.5	75.7	27.4	20.1	50.8	18.5	---	3.00	3.00	3.00	23.3	33.7	9
10	84.5	74.3	27.1	---	62.3	18.3	---	7.00	3.00	3.00	23.7	33.0	10
11	84.5	73.8	27.5	8.40	61.2	---	21.8	8.80	3.00	3.00	24.3	32.6	11
12	101	74.0	---	3.70	47.0	10.0	24.0	3.00	3.00	3.00	24.3	33.7	12
13	107	---	---	3.80	50.0	15.2	24.0	---	3.00	3.00	24.3	41.1	13
14	113	---	13.4	3.30	---	15.0	8.10	---	3.00	3.00	28.9	42.3	14
15	103	70.0	13.8	3.30	---	15.2	8.70	3.00	3.00	3.00	28.0	40.8	15
16	123	70.0	14.4	---	31.4	14.3	---	8.80	3.00	3.00	35.2	39.6	16
17	115	70.0	14.8	---	56.3	17.0	---	8.80	3.00	3.00	41.8	38.8	17
18	105	88.8	14.0	3.80	78.7	---	3.00	7.70	3.00	3.00	42.3	36.0	18
19	125	88.8	---	3.20	84.5	---	3.00	3.00	3.00	3.00	42.3	34.0	19
20	117	---	---	3.10	82.2	8.00	3.00	---	3.00	3.00	42.3	32.8	20
21	103	---	13.8	3.30	82.0	13.1	8.70	---	3.00	3.00	44.2	31.8	21
22	130	85.0	13.9	3.30	82.0	8.80	3.00	3.00	3.00	3.00	53.2	31.3	22
23	---	84.0	13.8	---	---	8.00	3.00	3.00	3.00	3.00	54.0	30.3	23
24	---	83.7	13.5	---	85.0	11.7	---	8.80	3.00	3.00	54.3	29.7	24
25	113	82.0	13.1	3.80	85.0	---	3.00	8.80	3.00	3.00	48.8	29.1	25
26	87.0	80.0	---	3.00	85.0	---	4.90	8.80	3.00	3.00	48.8	28.4	26
27	108	---	---	2.90	85.0	2.80	3.10	---	3.00	11.5	44.8	27.8	27
28	103	---	14.7	2.90	---	7.30	4.90	---	3.00	21.2	31.4	27.1	28
29	95.0	83.8	14.0	3.00	---	8.20	8.80	3.00	3.00	21.2	31.4	27.1	29
30	---		13.8	3.10	46.8	8.20	---	4.00	3.00	21.2	30.9	27.1	30
31	---		13.7		37.3		---	7.70		28.7		27.1E	31
TOTAL	---	---	---	---	---	---	---	---	108.40	178.80	1 080.0	1 048.3	TOTAL
MEAN	---	---	---	---	---	---	---	---	3.61	5.80	36.0	33.7	MEAN
MAX	---	---	---	---	---	---	---	---	8.80	28.7	54.3	42.3	MAX
MIN	---	---	---	---	---	---	---	---	3.00	3.00	23.3	27.1	MIN

SUMMARY FOR THE YEAR 1988

TYPE OF GAUGE - MANUAL
LOCATION - LAT 45 24 59 N
LONG 77 47 17 W
DRAINAGE AREA, 3 730 km²

E - ESTIMATED
REGULATED

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	---	JUL	---
FEB	---	AUG	---
MAR	---	SEP	6 370
APR	---	OCT	15 600
MAY	---	NOV	93 300
JUN	---	DEC	90 300

DATA CONTRIBUTED BY -
ONTARIO HYDRO

MADAWASKA RIVER AT PALMER RAPIDS - STATION NO. 02KD004

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1988

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	84.0E	130	92.5	139	129	59.5	12.1	9.17A	11.5	9.79	59.5	82.1	1
2	84.0E	125	78.3	157	152	43.1	11.9	9.61	11.5	10.7	51.5	82.3	2
3	85.1E	126	72.3	197	171	28.7	11.8	10.3	11.4	10.8	49.0	83.7	3
4	85.1A	124	82.8	215	156	27.5	11.7	10.4	11.5	10.7	49.4	82.4	4
5	98.3A	125	85.2	230	165	28.1	11.9	10.3	12.2	10.8	49.7	81.6	5
6	103 A	128	85.3	242	184	29.5	12.2	10.1	12.0	10.8	50.5	81.3	6
7	138 A	126	85.4	238	181	37.1	12.3	9.92	11.7	11.0	50.5	81.4	7
8	137 A	124	85.3	226	167	47.2	38.N	10.1	11.3	10.8	45.2	81.2	8
9	136 E	122	85.3	218	148	60.4	38.N	10.7	11.2	11.0	44.4	80.6	9
10	136 E	113	85.3	220	130	60.7	38.N	10.7	11.1	10.9	50.5	59.5	10
11	135 A	106	84.6	212	102	33.0	35.5	10.3	11.0	11.3	50.7	59.1	11
12	142 A	106	83.4	200	84.0	32.9	28.1	10.2	10.8	11.2	50.7	58.5	12
13	148	109	82.8	201	102	33.1	18.7	10.4	10.9	11.1	51.5	58.5	13
14	147	110	41.0	175	100	33.0	11.5	10.4	10.5	10.8	57.7	59.5	14
15	148	110	29.7	168	98.3	32.5	10.5	10.2	10.4	10.7	70.8	61.5	15
16	148	117	28.5	158	99.1	32.4	9.19A	10.1	10.4	10.7	79.5	61.9	16
17	148	121	42.1	156	131	28.0	9.02A	10.3	10.3	10.8	79.5	61.5	17
18	148	114	41.5	128	164	23.2	10.4 A	10.4	10.2	11.3	79.5	60.9	18
19	149	105	41.5	104	171	22.9	11.3	10.2	10.3	11.3	79.1	58.0	19
20	150	105	41.3	85.0	160	23.0	9.36	10.3	10.3	11.2	79.5	48.5	20
21	157	106	41.1	88.7	158	22.7	9.89	10.1	10.4	11.3	87.5	48.2	21
22	158	107	40.7	90.9	172	23.0	11.0	9.95	10.4	11.5	91.4	48.5	22
23	163	114	40.2	92.4	178	23.1	12.5	10.1	10.4	12.0	88.4	48.5	23
24	160	113	40.1	94.7	177	22.8	10.5	10.5	10.3	15.5	85.7	49.5	24
25	146	101	40.3	86.5	174	22.4	10.3	11.0	10.2	20.5	74.1	50.0	25
26	128	101	43.0	93.9	172	19.3	10.5	11.0	10.3	20.6	61.6	49.9	26
27	122	101	83.6	95.4	161	16.8	10.6	10.9	10.1	30.5	61.5	49.8	27
28	138	100	82.4	90.9	129	17.1	10.7	10.8	10.1	48.7	61.2	50.5	28
29	140	99.6	88.7	93.4	111	17.3	10.7	10.7	9.85	57.8	61.2	50.2	29
30	137		106	117	104	15.8	10.3	10.8	9.79	55.6	61.5	50.0	30
31	137		136		89.7		9.77	11.5		57.3		49.6	31
TOTAL	4 090.6	3 267.6	1 748.0	4 615.6	4 391.1	894.7	459.43	331.85	322.45	581.20	1 911.9	1 745.7	TOTAL
MEAN	131	113	57.6	154	142	29.8	14.8	10.4	10.7	18.1	63.7	56.3	MEAN
MAX	158	130	128	242	178	59.5	38.5	11.5	12.2	57.8	91.4	82.7	MAX
MIN	84.0	99.6	29.7	84.5	89.7	15.8	9.02	9.17	9.79	9.79	44.4	48.5	MIN

SUMMARY FOR THE YEAR 1988

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 88.6
MAXIMUM DAILY, 242 ON APR 6
MINIMUM DAILY, 9.02A ON JUL 17
MAXIMUM INSTANTANEOUS,
247 AT 19:44 EST ON APR 6

TYPE OF GAUGE - RECORDING
LOCATION - LAT 45 19 39 N
LONG 77 30 50 W
DRAINAGE AREA, 5 800 km²
A - MANUAL GAUGE

E - ESTIMATED
REGULATED

MONTHLY TOTAL DISCHARGE
IN CUBIC DECAMETRES

JAN	351 000	JUL	39 700
FEB	284 000	AUG	27 400
MAR	154 000	SEP	27 900
APR	399 000	OCT	48 500
MAY	379 000	NOV	165 000
JUN	77 300	DEC	151 000

TOTAL DISCHARGE, 2 100 000 dam³

MADAWASKA RIVER AT STEWARTVILLE - STATION NO. 02KE005

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1988

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	33.0	157	114	206	211	86.0	9.00	8.00	15.0	4.00	61.0	89.0	1
2	57.0	178	128	256	179	58.0	8.00	9.00	11.0	4.00	88.0	86.0	2
3	46.0	189	103	263	216	53.0	6.00	14.0	0	9.00	88.0	31.0	3
4	86.0	148	109	359	204	38.0	15.0	25.0	0	30.0	80.0	85.0	4
5	152	172	86.0	387	216	38.0	18.0	19.0	8.00	7.00	86.0	73.0	5
6	140	86.0	63.0	382	227	47.0	28.0	5.00	12.0	5.00	35.0	47.0	6
7	189	86.0	67.0	401	208	28.0	44.0	0	13.0	9.00	74.0	89.0	7
8	109	136	41.0	339	135	15.0	59.0	15.0	9.00	14.0	80.0	85.0	8
9	85.0	125	57.0	232	174	49.0	18.0	11.0	17.0	12.0	31.0	85.0	9
10	102	126	80.0	148	173	84.0	0	10.0	4.00	10.0	83.0	83.0	10
11	132	140	102	192	158	54.0	31.0	12.0	4.00	13.0	85.0	38.0	11
12	131	109	86.0	229	106	20.0	18.0	11.0	10.0	15.0	38.0	120	12
13	148	128	84.0	192	131	74.0	20.0	8.00	8.00	2.00	25.0	85.0	13
14	244	105	120	189	118	111	8.00	0	11.0	15.0	50.0	87.0	14
15	139	144	71.0	185	118	51.0	4.00	8.00	9.00	9.00	72.0	82.0	15
16	92.0	154	77.0	130	157	13.0	14.0	11.0	15.0	5.00	75.0	87.0	16
17	80.0	154	97.0	132	227	8.00	18.0	47.0	8.00	14.0	77.0	87.0	17
18	159	183	86.0	131	248	18.0	12.0	0	0	8.00	78.0	88.0	18
19	142	145	82.0	60.0	243	13.0	10.0	12.0	13.0	23.0	83.0	38.0	19
20	148	118	77.0	84.0	242	78.0	0	0	4.00	19.0	72.0	83.0	20
21	177	104	91.0	43.0	185	28.0	18.0	8.00	4.00	23.0	124	58.0	21
22	227	183	86.0	33.0	227	19.0	18.0	7.00	10.0	23.0	70.0	48.0	22
23	131	141	84.0	23.0	224	12.0	7.00	15.0	15.0	0	118	30.0	23
24	137	140	71.0	23.0	187	12.0	0	13.0	0	27.0	90.0	27.0	24
25	148	148	73.0	63.0	200	13.0	13.0	10.0	11.0	32.0	98.0	81.0	25
26	135	139	94.0	89.0	232	8.00	11.0	0	12.0	20.0	85.0	43.0	26
27	142	102	134	121	187	7.00	7.00	8.00	12.0	19.0	80.0	48.0	27
28	163	108	173	134	182	8.00	11.0	4.00	7.00	71.0	88.0	58.0	28
29	148	148	178	151	97.0	17.0	10.0	13.0	8.00	86.0	85.0	54.0	29
30	107		230	198	157	4.00	0	7.00	12.0	83.0	85.0	54.0	30
31	88.0		203		142		11.0	10.0		89.0		51.0	31
TOTAL	4 030.0	3 878.0	3 094.0	5 358.0	5 702.0	1 017.00	438.00	314.00	281.00	831.00	1 999.0	1 885.0	TOTAL
MEAN	130	134	99.8	173	184	33.9	14.1	10.1	9.70	26.4	89.5	59.8	MEAN
MAX	244	178	230	401	248	111	59.0	47.0	17.0	71.0	134	130	MAX
MIN	33.0	86.0	41.0	23.0	97.0	4.00	0	0	0	0	25.0	20.0	MIN

SUMMARY FOR THE YEAR 1988

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 78.1
MAXIMUM DAILY, 401 ON APR 7
MINIMUM DAILY, 0 ON JUL 10

DATA CONTRIBUTED BY -
ONTARIO HYDRO

TYPE OF GAUGE - POWER PLANT
LOCATION - LAT 45 24 25 N
LONG 78 30 28 W
DRAINAGE AREA, 5 150 km²

REGULATED

MONTHLY TOTAL DISCHARGE
IN CUBIC DECAMETRES

JAN	348 000	JUL	37 700
FEB	335 000	AUG	27 100
MAR	287 000	SEP	33 800
APR	483 000	OCT	84 500
MAY	493 000	NOV	172 000
JUN	87 900	DEC	180 000

TOTAL DISCHARGE, 2 470 000 dam³

MADTER DRAIN AT CONCESSION #7 - STATION NO. 02GC032

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1988

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	---	---	---	---	---	---	---	0.015E	0	0	0.010E	0.013E	1
2	---	---	---	---	---	---	---	0.012E	0	0	0.009E	0.014E	2
3	---	---	---	---	---	---	---	0.032E	0	0	0.007E	0.014E	3
4	---	---	---	---	---	---	---	0.001E	0.001E	0	0.008E	0.011E	4
5	---	---	---	---	---	---	---	0.001E	0.002E	0	0.140E	0.007E	5
6	---	---	---	---	---	---	---	0.018E	0	0	0.182E	0.008E	6
7	---	---	---	---	---	---	---	0.001E	0	0	0.185E	0.008E	7
8	---	---	---	---	---	---	---	0	0	0	0.136E	0.005E	8
9	---	---	---	---	---	---	---	0	0	0	0.080E	0.004E	9
10	---	---	---	---	---	---	---	0.002E	0	0	0.219E	0.003B	10
11	---	---	---	---	---	---	---	0	0	0.005E	0.081E	0.003B	11
12	---	---	---	---	---	---	---	0	0	0.106E	0.045E	0.002B	12
13	---	---	---	---	---	---	---	0	0	0.078E	0.380E	0.002E	13
14	---	---	---	---	---	---	---	0	0	0.009E	0.106E	0.002E	14
15	---	---	---	---	---	---	---	0.068E	0	0.004E	0.048E	0.003E	15
16	---	---	---	---	---	---	---	0.003E	0	0.004E	0.038E	0.001E	16
17	---	---	---	---	---	---	---	0.001E	0	0.003E	0.031E	0.001E	17
18	---	---	---	---	---	---	---	0.001E	0	0.301E	0.019E	0.001E	18
19	---	---	---	---	---	---	---	0	0	0.074E	0.018E	0.001E	19
20	---	---	---	---	---	---	---	0	0	0.033E	0.311E	0.012E	20
21	---	---	---	---	---	---	---	0	0	0.038E	0.462E	0.008E	21
22	---	---	---	---	---	---	---	0	0	0.120E	0.128E	0.004E	22
23	---	---	---	---	---	---	---	0	0	0.050E	0.056E	0.130E	23
24	---	---	---	---	---	---	---	0	0	0.091E	0.033E	0.038E	24
25	---	---	---	---	---	---	---	0	0	0.070E	0.025E	0.018E	25
26	---	---	---	---	---	---	---	0	0	0.035E	0.020E	0.010E	26
27	---	---	---	---	---	---	---	0	0	0.019E	0.021E	0.177E	27
28	---	---	---	---	---	---	---	0	0	0.038E	0.015E	0.319E	28
29	---	---	---	---	---	---	---	0	0	0.021E	0.013E	0.048E	29
30	---		---	---	---	---	0A	0	0	0.015E	0.015E	0.019E	30
31	---		---		---		0	0	0	0.011E		0.011E	31
TOTAL	---	---	---	---	---	---	---	0.153	0.003	1.126	2.883	0.893	TOTAL
MEAN	---	---	---	---	---	---	---	0.005	0	0.036	0.095	0.029	MEAN
MAX	---	---	---	---	---	---	---	0.068	0.002	0.301	0.462	0.319	MAX
MIN	---	---	---	---	---	---	---	0	0	0	0.007	0.001	MIN

SUMMARY FOR THE YEAR 1988

TYPE OF GAUGE - RECORDING
LOCATION - LAT 43 52 53 N
LONG 81 09 21 W
DRAINAGE AREA, 4.00 km²
A - MANUAL GAUGE
B - ICE CONDITIONS
E - ESTIMATED
NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	---	JUL	---
FEB	---	AUG	13.2
MAR	---	SEP	0.26
APR	---	OCT	87.3
MAY	---	NOV	247
JUN	---	DEC	77.2

REMARKS - STATION ACTIVATED JUL 1988

MAGNETAWAN RIVER NEAR BRITT - STATION NO. 02EA011

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1988

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	33.8E	44.4	35.0	88.8	84.1	34.8	4.47	1.83	5.80	5.53	58.3	84.1	1
2	32.5E	48.2	34.5	102	79.4	31.5	4.16	1.74	7.16	7.44	57.3	83.5	2
3	31.8E	52.2	33.5	127	74.7	28.8	4.00	1.81	8.87	7.62	56.1	84.2	3
4	31.3E	57.8	32.3	157	69.5	26.3	3.87	1.85	10.1	7.38	55.4	84.8	4
5	30.8E	62.1	31.1	175	64.8	24.8	3.78	1.78	10.8	7.75	58.6	84.1	5
6	29.8E	65.5	30.0	195	61.4	22.9	3.77	1.85	10.1	7.88	57.5	82.8	6
7	28.9E	68.1	29.0	217	58.2	21.2	3.73	1.84	9.88	8.45	58.6	81.4	7
8	28.1E	69.1	27.9	238	53.4	20.1	3.64	1.82	9.32	11.4	58.0	80.7	8
9	27.8E	67.0	28.6	254	48.2	18.9	3.57	2.13	8.85	19.7	55.7	57.8	9
10	27.0E	65.0	29.3	260	45.2	17.9	3.48	1.95	8.45	29.0	59.4	55.4	10
11	26.7E	63.7	29.2	255	43.0	16.5	3.43	1.85	8.22	34.2	58.3	53.0	11
12	25.4E	60.8	28.8	243	43.0	15.1	3.38	1.79	8.03	38.0	70.8	51.6	12
13	25.2E	56.8	29.1	231	47.7	13.8	3.27	1.89	7.91	36.4	74.5	50.8	13
14	24.8E	53.1	29.3	219	52.9	12.4	3.13	1.78	8.02	33.8	80.9	48.8	14
15	24.7E	49.8	29.2	209	56.4	11.2	3.15	1.88	7.86	31.3	87.4	46.8	15
16	25.8E	47.5	29.1	197	58.7	9.87	3.15	1.88	7.88	30.1	93.9	44.8	16
17	26.5E	45.5	29.0	186	61.7	8.95	3.07	1.88	7.83	30.2	99.2	43.6	17
18	27.0E	44.1	29.0	176	62.9	8.08	3.01	1.87	7.80	37.1	101	40.5	18
19	27.8E	43.1	28.7	166	63.1	7.48	3.08	1.82	7.72	38.4	101	38.2	19
20	28.4E	42.6	28.6	154	62.5	6.98	3.05	1.84	7.83	40.0	98.8	37.2	20
21	29.0E	42.0	28.4	143	61.2	6.60	3.06	1.81	7.84	43.5	95.4	37.3	21
22	29.5E	41.8	28.1	130	59.6	6.41	3.01	1.84	7.79	48.9	92.6	36.6	22
23	29.8E	41.1	27.9	119	58.0	6.39	2.98	2.14	7.80	53.4	89.2	36.0	23
24	29.8E	40.2	27.8	113	56.4	6.15	2.93	2.34	7.64	57.1	85.6	35.7	24
25	29.4A	39.4	28.8	106	54.8	5.87	2.87	2.69	7.28	58.0	81.5	34.6	25
26	30.0	38.8	34.8	104	53.3	5.71	2.79	3.08	7.07	59.1	77.5	33.9	26
27	30.2	37.5	43.8	98.3	50.8	5.45	2.70	3.31	6.84	58.7	75.1	33.4	27
28	30.4	36.8	48.8	85.8	47.4	5.13	2.44	3.55	6.82	60.2	72.8	34.0	28
29	30.5	36.1	53.1	82.0	43.8	4.89	2.23	3.76	6.74	61.7	68.8	33.8	29
30	31.0		52.5	88.2	40.5	4.68	2.06	4.08	6.59	60.1	66.5	33.4	30
31	33.4		76.9		37.8		1.98	4.54		58.8		33.3	31
TOTAL	894.5	1 459.4	1 062.1	4 942.9	1 784.6	414.72	99.25	88.63	239.72	1 082.01	2 248.8	1 464.7	TOTAL
MEAN	28.9	50.3	34.3	165	58.8	13 8	3.20	2.21	7.98	34.9	75.0	48.9	MEAN
MAX	33.8	69.1	76.9	260	64.1	34.8	4.47	4.54	10.8	61.7	101	84.8	MAX
MIN	24.7	36.1	27.8	88.2	37.8	4.68	1.98	1.65	5.80	5.53	55.4	33.3	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 43.0
MAXIMUM DAILY, 260 ON APR 10
MINIMUM DAILY, 1.65 ON AUG 4
MAXIMUM INSTANTANEOUS,
263 AT 15:15 EST ON APR 10

SUMMARY FOR THE YEAR 1988

TYPE OF GAUGE - RECORDING
LOCATION - LAT 45 46 20 N
LONG 80 28 46 W
DRAINAGE AREA, 2 850 km²
A - MANUAL GAUGE

E - ESTIMATED
REGULATED

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	77 300	JUL	8 580
FEB	126 000	AUG	5 920
MAR	91 800	SEP	20 700
APR	427 000	OCT	93 500
MAY	152 000	NOV	194 000
JUN	35 800	DEC	126 000

TOTAL DISCHARGE, 1 380 000 dam³

MAGNETAWAN RIVER NEAR BURK'S FALLS - STATION NO. 02EA006

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1988

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	10.3	8.78	8.808	16.8	22.9	7.80	1.01	1.43	2.96	2.34	13.6	18.5	1
2	10.0	9.28	8.19	19.5	22.4	7.55	1.03	1.38	2.85	3.26	13.2	16.3	2
3	9.76	9.708	7.558	24.1	21.8	7.39	1.03	1.38	2.74	3.70	13.0	17.8	3
4	9.408	10.1 B	7.208	28.8	17.9	5.40	0.652	1.35	2.77	5.84	12.6	17.3	4
5	9.088	10.4 B	6.808	33.6	14.4	4.46	0.179	1.42	3.11	9.44	12.6	16.7	5
6	8.808	10.6 B	6.508	38.5	14.1	2.84	0.182	1.84	3.22	10.1	12.6	16.1	6
7	8.808	10.6 B	6.158	44.8	14.0	1.12	0.178	1.85	3.19	11.7	12.6	15.5	7
8	8.408	10.6 B	5.838	49.1	13.7	1.15	0.178	1.80	3.15	13.3	12.7	14.3	8
9	8.108	10.5 B	6.408	51.7	13.5	1.16	0.182	2.23	3.07	13.2	12.7	13.0	9
10	7.858	10.5 B	6.808	52.7	13.6	0.815	0.220	2.32	2.92	13.2	14.8	12.4	10
11	7.858	10.4 B	6.808	52.2	10.7	0.241	0.228	2.35	2.71	13.2	15.8	11.8	11
12	7.408	10.3 B	6.55	51.1	7.28	0.242	0.209	2.33	2.70	13.6	16.8	11.3	12
13	7.208	10.3 B	6.57	49.4	8.34	0.245	0.222	2.32	2.76	13.8	16.5	10.8	13
14	7.008	10.2 B	6.65	46.2	8.70	0.247	0.233	2.61	2.68	13.4	19.8	10.4	14
15	6.808	10.1 B	6.48	47.0	9.22	0.278	0.244	2.85	2.54	12.8	21.8	9.858	15
16	6.708	12.2 B	6.32	45.4	12.6	0.278	0.272	2.84	2.51	12.3	23.7	9.508	16
17	6.62	15.0	6.14	44.0	16.7	0.282	0.268	3.26	2.44	12.0	24.4	9.25	17
18	6.76	14.8	6.10	42.1	16.7	0.286	0.282	3.72	2.42	13.1	24.5	8.78	18
19	6.79	14.4	6.80	40.3	15.8	0.304	0.312	3.57	2.37	13.1	24.4	8.88	19
20	6.80	13.8	6.89	38.4	15.8	0.304	0.322	3.43	2.88	13.3	24.0	4.71	20
21	7.01	13.1 B	6.84	37.0	15.2	0.281	0.324	3.26	2.88	13.5	23.3	5.06	21
22	6.858	12.7	6.47	34.9	16.6	2.13	0.343	3.17	2.89	13.6	22.9	5.11	22
23	6.86	12.1	6.48	33.4	16.2	4.08	0.344	2.98	2.71	14.1	22.1	5.29	23
24	6.86	11.5 B	6.49	32.2	17.3	3.33	0.409	2.80	2.61	15.7	21.3	5.57	24
25	6.83	10.9 B	6.69	31.1	16.8	2.83	1.30	3.02	2.61	16.5	20.5	5.77	25
26	6.808	11.0	6.55	30.1	14.8	2.32	2.00	3.22	2.51	16.1	19.5	5.908	26
27	6.758	9.84	6.97	28.8	13.1	2.26	1.84	3.19	2.52	15.7	19.6	6.10	27
28	6.858	9.53	10.2	26.0	12.6	1.82	1.83	3.23	2.33	15.6	19.5	6.24	28
29	6.80	9.01	10.9	25.4	12.2	1.11	1.76	3.06	2.32	15.1	19.2	6.37	29
30	6.39		13.1	23.5	11.8	1.02	1.66	3.04	2.29	14.5	18.9	6.34	30
31	7.17		14.8		9.44		1.49	3.01		14.2		6.208	31
TOTAL	235.80	321.94	230.39	1 123.2	463.78	84.003	20.830	79.25	80.78	381.18	551.5	317.14	TOTAL
MEAN	7.80	11.1	7.43	37.4	15.0	2.13	0.672	2.56	2.69	12.3	18.4	10.2	MEAN
MAX	10.3	15.0	14.8	52.7	22.9	7.80	2.00	3.72	3.22	16.5	24.5	18.5	MAX
MIN	6.39	8.78	6.47	16.8	7.28	0.241	0.178	1.35	2.29	2.34	12.6	4.71	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 10.6
MAXIMUM DAILY, 52.7 ON APR 15
MINIMUM DAILY, 0.178 ON JUL 7
MAXIMUM INSTANTANEOUS,
52.8 AT 16:23 EST ON APR 10

SUMMARY FOR THE YEAR 1988

TYPE OF GAUGE - RECORDING
LOCATION - LAT 45 37 03 N
LONG 79 23 17 W
DRAINAGE AREA, 880 km²

B - ICE CONDITIONS

REGULATED

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	20 300	JUL	1 800
FEB	27 800	AUG	6 850
MAR	19 800	SEP	6 980
APR	97 000	OCT	32 900
MAY	40 100	NOV	47 600
JUN	5 530	DEC	27 400

TOTAL DISCHARGE, 334 000 dam³

MAGPIE RIVER NEAR MICHIPICOTEN - STATION NO. 02BD003

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1988

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	14.7 B	9.808	8.568	16.48	57.8	45.5	13.5 E	5.35E	11.9	7.62	16.1	53.0	1
2	14.4 B	9.648	8.888	19.28	58.2	44.9	12.9 E	5.38E	12.5	8.26	16.2	59.0	2
3	14.1 B	9.788	8.648	22.88	58.2	43.8	12.3 E	5.43E	13.0	8.48	16.1	54.2	3
4	13.8 B	9.718	8.628	28.38	57.9	41.8	11.8 E	5.85E	12.9	8.54	16.6	48.4	4
5	13.6 B	9.658	8.808	33.58	57.4	38.8	11.3 E	5.70E	12.0	8.78	23.1	46.7	5
6	13.3 B	9.598	8.568	45.08	55.6	37.3	10.7 E	5.81	11.3	8.32	37.0	45.6	6
7	13.0 B	9.538	8.578	60.08	52.4	36.6	10.4 E	5.80E	11.1	8.14	44.7	41.7	7
8	12.8 B	9.478	8.568	83.08	50.6	34.5	10.2 E	5.88E	11.0	8.12	46.4	41.08	8
9	12.5 B	9.418	8.538	102	48.8	32.6	9.90E	5.85E	10.8	8.22	43.3	40.28	9
10	12.5 B	9.268	8.528	100	52.1	30.5	9.70E	5.80E	10.0	8.97	41.7	39.28	10
11	12.3 B	9.308	8.508	99.2	55.0	28.1	9.50E	5.72E	9.28	12.6	38.9	38.18	11
12	12.1 B	9.268	8.488	99.3	58.6	26.1	9.40E	5.70E	8.77	14.0	36.3	37.08	12
13	11.9 B	9.208	8.478	102	73.0	24.5	10.0 E	14.4 E	8.80	14.5	35.6	36.28	13
14	11.6 B	9.158	8.468	104	88.3	22.9	10.4 E	14.0 E	8.41	14.6	33.9	35.38	14
15	11.6 B	9.118	8.458	105	99.6	22.0	10.6 E	13.5 E	8.23	14.6	32.7	34.48	15
16	11.5 B	9.078	8.448	101	105	21.2	10.4 E	12.5 E	8.04	14.6	35.8	33.48	16
17	11.4 B	9.048	8.438	96.4	103	19.9	10.0 E	11.5 E	7.97	14.7	51.6	32.88	17
18	11.2 B	9.028	8.428	90.9	98.3	19.0	9.45E	10.4 E	7.94	14.6	62.6	31.98	18
19	11.1 B	9.008	8.418	85.7	91.3	18.4	8.85E	9.70E	7.92	14.4	63.4	31.08	19
20	10.9 B	8.978	8.408	82.1	83.4	17.4	8.25E	8.78E	8.88	14.2	63.6	30.28	20
21	10.8 B	8.948	8.408	77.2	76.7	16.4	7.80E	8.30E	8.72	14.3	61.4	29.78	21
22	10.7 B	8.908	8.438	72.6	70.8	15.8	7.45E	7.88E	8.63	14.6	56.6	28.88	22
23	10.6 B	8.878	8.558	68.6	66.4	15.4	7.05E	7.58E	8.33	14.7	52.9	28.28	23
24	10.5 B	8.838	8.708	64.4	61.4	15.2	6.68E	7.42E	8.93	14.6	49.9	27.68	24
25	10.5 B	8.808	8.958	61.8	56.8	15.2	6.30E	7.46E	8.24	14.7	47.0	26.98	25
26	10.4 B	8.788	9.308	59.8	53.2	17.9	6.00E	7.95E	8.02	14.2	46.1	26.28	26
27	10.3 B	8.758	9.708	58.6	50.5	18.7	5.80E	10.1	8.06	14.2	56.5	25.78	27
28	10.2 B	8.738	10.3 B	57.6	49.6	16.0E	5.65E	13.6	7.86	15.2	64.6	25.08	28
29	10.1 B	8.708	11.4 B	57.3	48.4	14.8E	5.55E	13.3	7.56	15.8	65.9	24.58	29
30	10.0 B		12.7 B	57.7	46.8	14.3E	5.40E	12.5	7.49	15.8	65.5	24.08	30
31	9.958		14.2 B		45.5		5.32E	12.1		15.7		23.68	31
TOTAL	384.65	266.84	261.08	2 122.1	2 032.9	787.6	276.65	271.17	283.28	381.35	1 321.0	1 113.0	TOTAL
MEAN	11.8	9.19	8.07	70.7	65.8	25.6	8.99	8.75	9.44	12.6	44.0	35.9	MEAN
MAX	14.7	9.80	14.2	105	105	45.5	13.5	14.4	13.0	15.8	65.9	63.0	MAX
MIN	9.95	8.70	8.40	16.4	45.5	14.3	5.32	5.35	7.49	7.62	16.1	23.6	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 25.8
MAXIMUM DAILY, 105 ON APR 15
MINIMUM DAILY, 5.32E ON JUL 31
MAXIMUM INSTANTANEOUS,
106 AT 15:04 EST ON MAY 15

SUMMARY FOR THE YEAR 1988

TYPE OF GAUGE - RECORDING
LOCATION - LAT 47 56 20 N
LONG 84 49 50 W
DRAINAGE AREA, 1 930 km²

B - ICE CONDITIONS
E - ESTIMATED
NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	31 500	JUL	24 100
FEB	23 000	AUG	23 400
MAR	24 300	SEP	24 500
APR	183 000	OCT	33 800
MAY	176 000	NOV	114 000
JUN	68 300	DEC	98 200

TOTAL DISCHARGE, 820 000 dam³

MAITLAND RIVER ABOVE WINGHAM - STATION NO. 02FE005

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1988

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	5.81	55.4	5.408	21.2	8.01	2.05	0.701	1.74	0.370	0.593	7.58	10.1	1
2	4.46	33.7 B	5.208	16.2	5.03	2.03	0.689	1.58	0.361	0.619	6.62	10.0	2
3	5.52	17.2 B	5.008	18.3	4.44	1.78	0.636	1.24	0.412	1.33	5.82	9.25	3
4	5.008	13.6 B	4.808	23.6	3.85	1.48	0.626	1.05	0.517	1.45	5.40	8.488	4
5	4.808	10.1 B	4.708	23.2	3.69	1.85	0.578	0.997	0.821	1.44	5.54	7.768	5
6	4.308	8.728	4.608	18.8	3.47	1.57	0.571	1.13	0.834	1.43	7.23	7.21	6
7	3.658	7.008	4.508	15.2	1.88	1.48	0.589	1.03	0.951	1.31	7.46	7.08	7
8	3.308	9.208	8.008	12.8	1.15	1.44	0.589	0.884	0.830	1.15	7.47	6.73	8
9	3.108	8.108	12.0 B	10.8	1.41	1.48	0.661	0.869	0.718	1.08	10.0	5.388	9
10	2.858	7.208	18.0 B	8.40	3.19	1.37	0.578	0.812	0.832	1.14	21.3	4.228	10
11	2.688	6.608	24.0 B	7.85	4.05	1.31	0.800	0.836	0.882	2.58	41.0	3.908	11
12	2.568	6.408	23.3	7.02	3.82	1.26	0.684	0.891	0.867	7.58	28.7	3.718	12
13	2.438	6.008	19.7	6.40	3.26	1.17	0.645	0.880	0.575	10.8	25.7	3.528	13
14	2.388	7.008	15.5	6.32	3.18	1.08	0.623	0.864	0.534	4.37	33.0	3.888	14
15	2.388	11.6 B	12.5	6.48	3.07	1.06	0.607	0.817	0.486	1.15	22.2	3.728	15
16	2.338	18.7 B	10.1	5.88	6.89	1.18	0.678	0.788	0.470	1.08	15.8	3.378	16
17	3.008	15.4 B	8.78	5.58	10.5	1.08	0.634	0.787	0.849	1.88	14.3	3.208	17
18	5.008	12.8 B	8.38	6.38	10.2	1.01	0.606	0.725	0.613	2.36	12.7	3.128	18
19	6.008	11.1 B	8.08	6.43	6.52	0.826	0.458	0.688	0.867	3.18	10.0	3.088	19
20	15.0 B	9.908	7.10	5.87	5.22	0.888	0.448	0.854	1.25	2.78	9.28	8.728	20
21	16.0 B	8.908	6.02	5.88	12.3	0.670	0.425	0.850	1.05	2.32	13.0	20.0 B	21
22	16.0 B	8.108	5.51	5.85	15.6	0.902	0.405	0.584	0.888	2.13	14.8	16.1 B	22
23	12.0 B	9.908	5.88	5.78	10.2	0.885	0.423	0.460	0.818	1.85	12.4	14.3	23
24	8.508	9.208	32.8	6.33	7.31	1.11	0.483	0.335	0.884	2.02	10.4	14.7	24
25	7.808	8.608	83.4	6.83	4.78	0.853	0.418	0.381	0.889	12.7	9.11	11.9 B	25
26	8.608	7.908	67.1	7.18	4.38	0.676	0.382	0.469	0.788	35.9	8.23	9.388	26
27	8.808	7.008	73.4	6.34	3.88	0.814	0.367	0.384	0.728	32.7	8.44	8.048	27
28	8.008	8.208	37.6	5.84	2.80	0.780	0.355	0.367	0.686	23.3	8.84	19.0	28
29	8.408	8.808	26.9	5.73	1.25	0.754	0.353	0.387	0.822	18.7	8.98	21.3	29
30	8.408		36.1	5.85	2.26	0.717	3.12	0.380	0.877	12.6	8.81	14.0 B	30
31	10.0 B		29.6		2.21		12.5	0.379		8.53		9.188	31
TOTAL	191.84	344.72	604.83	301.55	158.35	36.265	30.589	24.445	21.011	203.512	400.32	276.26	TOTAL
MEAN	6.19	11.9	19.5	10.1	5.11	1.21	0.986	0.788	0.700	6.56	13.3	8.91	MEAN
MAX	16.0	55.4	83.4	23.6	15.6	2.05	12.5	1.74	1.25	35.9	41.0	21.3	MAX
MIN	2.33	5.72	4.60	5.58	1.15	0.717	0.353	0.336	0.361	0.593	5.40	3.08	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 7.09
MAXIMUM DAILY, 83.1 ON MAR 25
MINIMUM DAILY, 0.336 ON AUG 24
MAXIMUM INSTANTANEOUS,
90.6 AT 13:46 EST ON MAR 26

SUMMARY FOR THE YEAR 1988

TYPE OF GAUGE - RECORDING
LOCATION - LAT 43 54 57 N
LONG 81 15 50 W
DRAINAGE AREA, 528 km²

B - ICE CONDITIONS

REGULATED

MONTHLY TOTAL DISCHARGE
IN CUBIC DECAMETRES

JAN	16 600	JUL	2 640
FEB	29 600	AUG	2 110
MAR	52 300	SEP	1 820
APR	26 100	OCT	17 600
MAY	13 700	NOV	34 600
JUN	3 130	DEC	23 900

TOTAL DISCHARGE, 224 000 dam³

MAITLAND RIVER BELOW WINGHAM - STATION NO. 02FE002

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1988

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	18.0	152	13.68	62.2	15.6	4.88	1.78	4.88E	1.00	1.43	22.8	26.6	1
2	18.0 B	127	13.08	50.8	14.1	4.58	1.66	3.97E	0.881	2.03	18.7	26.8	2
3	15.0 B	85.0B	12.58	60.7	13.6	4.28	1.55	2.97E	1.10	3.04	16.8	24.8	3
4	13.7 B	36.0B	12.08	75.2	11.3	3.77	1.57	2.45E	1.29	5.24	16.1	22.3	4
5	12.3 B	26.0B	11.78	70.6	10.3	3.71	1.53	2.28E	2.61	4.80	15.3	20.9	5
6	11.1 B	14.0B	11.38	52.8	9.50	3.57	1.45	2.88E	3.48	4.20	23.0	19.1	6
7	10.0 B	14.5B	11.0B	40.8	7.47	3.42	1.38	2.48E	2.82	3.70	28.7	18.2	7
8	9.208	15.7B	14.0B	36.4	5.74	3.31	1.41	2.21A	2.44	3.21	28.7	17.1	8
9	8.408	18.0B	28.8	29.2	5.87	3.28	1.40	2.20	2.00	2.81	32.8	16.0	9
10	7.808	16.8B	88.0B	25.1	8.17	3.17	1.34	2.16	1.87	2.88	84.8	10.6 B	10
11	7.208	15.3B	88.8	22.0	9.81	3.04	1.35	2.14	1.42	8.84	137	9.908	11
12	8.708	14.1B	105	19.7	8.88	2.87	1.31	2.00	1.35	25.4	103	9.028	12
13	8.308	13.1B	84.8	18.1	8.14	2.74	1.28	1.98	1.36	28.4	82.8	8.748	13
14	8.108	13.9B	70.8	16.8	7.81	2.62	1.25	1.88	1.23	20.2	111	9.428	14
15	8.908	17.4B	48.7	17.4	7.23	2.48	1.24	1.78	1.20	9.84	82.7	8.808	15
16	8.108	21.0B	37.8	18.0	11.5	3.63	1.28	1.63	1.13	7.08	51.2	8.108	16
17	10.0 B	25.5B	30.2	14.7	17.8	2.48	1.23	1.60	1.32	6.74	44.0	7.608	17
18	20.0 B	31.0B	26.4	16.1	14.8	2.45	1.18	1.56	1.30	8.39	38.4	7.508	18
19	25.0 B	26.5B	27.4	17.0	12.2	2.36	1.19	1.42	1.86	13.5	31.2	7.608	19
20	37.0 B	23.3B	24.8	16.8	11.1	2.32	1.15	1.36	2.23	14.1	27.6	14.4	20
21	60.0 B	20.2B	21.3	16.4	25.7	2.18	1.15	1.34	2.22	10.6	36.6	46.0 B	21
22	58.0 B	18.2B	19.0	17.1	43.0	2.19	1.13	1.33	2.04	8.26	48.7	58.0 B	22
23	47.0 B	19.0B	21.6	18.4	28.4	2.18	1.21 A	1.26	2.08	6.80	39.7	43.4	23
24	37.0 B	18.8B	86.7	21.5	18.8	3.14	1.17 E	1.22	2.40	8.98	31.7	48.2	24
25	28.2 B	20.0B	181	22.4	13.7	2.08	1.08 E	1.23	2.62	38.4	26.7	40.0	25
26	22.0 B	18.5B	283	17.8	11.2	1.83	1.04 E	1.28	2.30	88.0	23.1	27.0 B	26
27	18.0 B	17.0B	242	16.8	9.11	1.82	0.960E	1.27	1.87	87.0	22.8	23.0 B	27
28	13.0 B	15.4B	147	15.8	8.17	1.77	0.980E	1.20	1.82	78.4	24.1	81.5	28
29	10.0 B	14.6B	86.0	15.8	8.47	1.72	0.970E	1.15	1.63	60.4	24.2	88.0 B	29
30	11.5 B		109	15.3	6.77	1.74	4.80 E	1.08	1.45	39.6	23.3	47.0 B	30
31	25.0 B		80.7		4.78		16.0 E	1.03		28.5		31.0 B	31
TOTAL	583.50	540.8	2 045.0	838.8	383.13	83.79	58.080	59.00	54.801	544.08	1 288.8	806.58	TOTAL
MEAN	18.1	29.0	66.0	28.0	12.4	2.79	1.87	1.90	1.82	20.8	42.3	26.0	MEAN
MAX	66.0	152	283	75.2	43.0	4.88	16.0	4.88	3.48	87.0	127	88.0	MAX
MIN	5.90	13.1	11.0	14.7	4.77	1.72	0.960	1.03	0.881	1.43	16.1	7.50	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 21.0
MAXIMUM DAILY, 283 ON MAR 26
MINIMUM DAILY, 0.960E ON JUL 28
MAXIMUM INSTANTANEOUS,
288 AT 02:11 EST ON MAR 27

SUMMARY FOR THE YEAR 1988

TYPE OF GAUGE - RECORDING
LOCATION - LAT 43 53 12 N
LONG 81 18 37 W
DRAINAGE AREA, 1 830 km²
A - MANUAL GAUGE
B - ICE CONDITIONS
E - ESTIMATED
REGULATED

MONTHLY TOTAL DISCHARGE
IN CUBIC DECAMETRES

JAN	51 300	JUL	5 020
FEB	72 800	AUG	5 100
MAR	177 000	SEP	4 710
APR	72 500	OCT	55 800
MAY	33 100	NOV	110 000
JUN	7 240	DEC	89 700

TOTAL DISCHARGE, 664 000 dam³

MAITLAND RIVER NEAR HARRISTON - STATION NO. 02FE011

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1988

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	0.8508	15.8	0.6328	3.41	0.852	0.213	0.072	0.083	0.046	0.031	0.700	1.41	1
2	0.7828	5.56	0.5988	2.98	0.777	0.208	0.064	0.082	0.043	0.084	0.620	1.36	2
3	0.7408	3.23 B	0.6488	3.97	0.654	0.210	0.064	0.082	0.041	0.092	0.564	1.21	3
4	0.6508	2.10 B	0.5968	5.56	0.564	0.199	0.065	0.081	0.071	0.092	0.519	1.12 B	4
5	0.5868	1.46 B	0.5788	5.04	0.520	0.196	0.062	0.109	0.074	0.083	0.584	0.9868	5
6	0.5028	1.27 B	0.5628	3.52	0.484	0.214	0.065	0.122	0.070	0.080	1.03	0.950	6
7	0.4458	1.19 B	0.5508	2.66	0.431	0.223	0.065	0.144	0.067	0.051	1.04	0.897	7
8	0.3628	1.14 B	1.02 B	2.20	0.393	0.246	0.064	0.281	0.064	0.045	1.13	0.984	8
9	0.3508	1.07 B	4.20	1.81	0.504	0.262	0.059	0.087	0.060	0.044	1.75	0.8148	9
10	0.3448	0.9588	4.88	1.42	0.838	0.262	0.029	0.043	0.044	0.080	5.02	0.7208	10
11	0.3258	0.8628	5.59	1.18	0.887	0.252	0.037	0.043	0.040	0.337	5.78	0.8108	11
12	0.3148	0.8048	5.17	1.04	0.536	0.257	0.038	0.050	0.043	0.590	3.46	0.5108	12
13	0.3108	0.7388	3.57	0.937	0.521	0.265	0.036	0.064	0.045	0.410	4.26	0.4358	13
14	0.3068	0.9028	2.61	0.837	0.484	0.232	0.036	0.052	0.042	0.267	4.31	0.4638	14
15	0.2868	1.66 B	3.12	0.988	0.828	0.222	0.033	0.052	0.041	0.180	2.67	0.4618	15
16	0.2628	2.39 B	1.86	0.848	2.10	0.201	0.084	0.052	0.041	0.147	2.18	0.4108	16
17	0.4858	1.82 B	1.47	0.854	3.73	0.220	0.037	0.058	0.058	0.140	2.31	0.3828	17
18	2.61 B	1.56 B	1.68	1.08	1.80	0.179	0.038	0.046	0.037	0.224	1.72	0.3658	18
19	2.24 B	1.36 B	1.28	0.933	0.904	0.167	0.038	0.045	0.040	0.343	1.26	0.3708	19
20	2.74 B	1.21 B	1.16	0.913	1.39	0.166	0.036	0.043	0.048	0.311	1.24	1.20	20
21	4.40 B	1.10 B	1.06	1.15	3.77	0.137	0.044	0.033	0.048	0.228	2.22	3.01	21
22	3.21 B	0.9908	0.878	0.837	2.38	0.117	0.226	0.043	0.043	0.203	2.12	1.72 B	22
23	1.76 B	1.23 B	3.30	1.06	1.45	0.126	0.077	0.044	0.055	0.203	1.83	1.74 B	23
24	1.36 B	1.13 B	10.6	1.89	0.928	0.118	0.062	0.042	0.045	0.269	1.30	1.86	24
25	1.13 B	1.06 B	18.4	1.57	0.866	0.103	0.071	0.044	0.044	1.88	1.13	1.39 B	25
26	0.8838	0.9888	20.9	1.25	0.511	0.078	0.070	0.051	0.043	3.51	0.979	1.01 B	26
27	0.7028	0.7638	13.1	1.07	0.406	0.080	0.066	0.052	0.043	3.05	1.20	1.26	27
28	0.6428	0.7528	5.26	1.07	0.339	0.088	0.063	0.048	0.036	2.42	1.33	3.83	28
29	0.5268	0.6418	5.27	1.03	0.286	0.083	0.083	0.051	0.032	1.88	1.26	2.49 B	29
30	1.36 B		6.84	1.11	0.284	0.078	0.108	0.052	0.036	1.18	1.25	1.72 B	30
31	7.86		4.62		0.248		0.078	0.048		0.842		1.42 B	31
TOTAL	38.410	55.579	126.304	54.517	28.785	5.407	1.833	2.108	1.421	19.316	56.636	37.237	TOTAL
MEAN	1.27	1.92	4.14	1.82	0.880	0.180	0.059	0.068	0.047	0.623	1.89	1.20	MEAN
MAX	7.86	15.8	20.9	5.56	3.77	0.265	0.226	0.281	0.074	3.51	5.78	3.83	MAX
MIN	0.282	0.841	0.550	0.848	0.248	0.078	0.029	0.033	0.032	0.031	0.519	0.370	MIN

SUMMARY FOR THE YEAR 1988

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 1.18
MAXIMUM DAILY, 20.9 ON MAR 26
MINIMUM DAILY, 0.029 ON JUL 10
MAXIMUM INSTANTANEOUS,
26.1 AT 22:43 EST ON MAR 25

TYPE OF GAUGE - RECORDING
LOCATION - LAT 43 54 12 N
LONG 80 53 33 W
DRAINAGE AREA, 112 km²

B - ICE CONDITIONS

NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	3 410	JUL	158
FEB	4 800	AUG	182
MAR	11 100	SEP	123
APR	4 710	OCT	1 670
MAY	2 570	NOV	4 910
JUN	487	DEC	3 220

TOTAL DISCHARGE, 37 300 dam³

MARIPOSA BROOK NEAR LITTLE BRITAIN - STATION NO. 02HG001

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1988

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	0.8108	8.00 B	0.8488	3.73	2.14	0.248	0.081	0.040	0.027E	0.072E	0.435	1.05	1
2	0.7088	5.85 B	0.4908	3.31	1.78	0.238	0.080	0.034	0.026E	0.130E	0.436	0.882	2
3	0.6008	2.38 B	0.4528	3.95	1.52	0.252	0.078	0.034	0.025E	0.182E	0.387	0.909	3
4	0.5308	1.68 B	0.4238	4.21	1.34	0.234	0.069	0.038	0.051E	0.208E	0.404	0.8588	4
5	0.4888	1.42 B	0.4008	8.37	1.10	0.208	0.068	0.067	0.108E	0.232E	0.522	0.8108	5
6	0.4828	1.22 B	0.4368	5.74	1.08	0.188	0.068	0.078	0.087E	0.252E	1.36	0.788	6
7	0.4368	1.06 B	0.4708	5.04	0.802	0.173	0.055	0.124	0.085E	0.270E	1.59	0.802	7
8	0.4128	0.9458	1.45 B	4.03	0.721	0.158	0.056	0.072	0.077E	0.285E	1.63	0.7008	8
9	0.3938	0.8508	2.81 B	3.34	0.682	0.162	0.054	0.058	0.088E	0.287E	1.70	0.6008	9
10	0.3768	0.7788	4.97 B	2.82	0.718	0.154	0.045	0.060	0.083E	0.285E	1.75	0.5108	10
11	0.3648	0.7388	3.33 B	2.45	0.743	0.139	0.043	0.052	0.058E	0.273E	1.86	0.4258	11
12	0.3528	0.6928	2.82 B	2.19	0.648	0.127	0.047	0.067	0.057E	0.261E	2.03	0.3758	12
13	0.4228	0.6578	2.26 B	2.03	0.631	0.115	0.058	0.067	0.064E	0.249E	2.05	0.372	13
14	0.3638	0.6188	1.80 B	1.89	0.600	0.108	0.051	0.060	0.074E	0.239	2.08	0.375	14
15	0.3498	0.6628	1.64 B	2.14	0.548	0.096	0.043	0.038	0.070E	0.233	2.01	0.410	15
16	0.3788	0.7578	1.45 B	2.07	1.45	0.095	0.048	0.035	0.081E	0.230	1.80	0.3828	16
17	0.4858	0.7048	1.26 B	1.88	2.68	0.088	0.054	0.031	0.084E	0.242	1.80	0.3598	17
18	1.19 B	0.6708	1.19 B	1.80	2.43	0.090	0.055	0.031	0.088E	0.265	1.43	0.3298	18
19	1.93 B	0.7208	1.10 B	1.78	2.08	0.081	0.050	0.027	0.085E	0.290	1.24	0.3028	19
20	2.77 B	0.8158	1.02 B	1.89	2.18	0.084	0.048	0.026	0.081E	0.324	1.20	0.3628	20
21	4.75 B	0.7558	0.9368	1.88	2.48	0.081	0.046	0.022	0.080E	0.342	1.56	0.8108	21
22	2.90 B	0.7058	0.8658	1.63	2.11	0.106	0.050	0.020	0.087E	0.337	1.81	0.6608	22
23	1.98 B	0.6558	1.40 B	1.53	1.86	0.111	0.059	0.020	0.088E	0.367	1.83	0.5508	23
24	1.37 B	1.02 B	3.32 B	1.56	1.56	0.087	0.084	0.027	0.108E	0.458	1.75	0.5108	24
25	0.9708	0.8858	5.96 B	1.43	1.17	0.100	0.068	0.032	0.087E	0.526	1.58	0.4908	25
26	0.7888	0.7908	11.8	1.47	0.942	0.093	0.063	0.041	0.088E	0.553	1.46	0.4608	26
27	0.6508	0.7108	12.0	1.45	0.881	0.093	0.047	0.039	0.074E	0.581	1.39	0.4958	27
28	0.5838	0.6458	7.18	1.62	0.540	0.092	0.038	0.038E	0.078E	0.514	1.31	0.8058	28
29	0.5008	0.6008	4.86	1.82	0.420	0.080	0.030	0.032E	0.072E	0.478	1.20	1.25 B	29
30	0.6458		4.72	2.37	0.337	0.081	0.034	0.030E	0.068E	0.468	1.14	1.61 B	30
31	3.86 B		4.27		0.274		0.040	0.029E		0.487		1.38 B	31
TOTAL	32.857	38.271	87.738	86.18	38.306	4.000	1.707	1.385	2.077	8.899	42.866	20.899	TOTAL
MEAN	1.06	1.36	2.83	2.87	1.24	0.133	0.055	0.044	0.069	0.319	1.42	0.668	MEAN
MAX	4.75	8.00	12.0	8.37	2.68	0.252	0.081	0.124	0.108	0.581	2.08	1.61	MAX
MIN	0.348	0.600	0.400	1.43	0.274	0.081	0.030	0.020	0.025	0.072	0.387	0.302	MIN

SUMMARY FOR THE YEAR 1988

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 1.00
MAXIMUM DAILY, 12.0 ON MAR 27
MINIMUM DAILY, 0.020 ON AUG 22
MAXIMUM INSTANTANEOUS,
13.5 AT 02:51 EST ON MAR 27

TYPE OF GAUGE - RECORDING
LOCATION - LAT 44 17 30 N
LONG 78 50 30 W
DRAINAGE AREA, 189 km²

B - ICE CONDITIONS
E - ESTIMATED
NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	2 840	JUL	147
FEB	3 380	AUG	116
MAR	7 580	SEP	178
APR	7 450	OCT	855
MAY	3 310	NOV	3 690
JUN	348	DEC	1 790

TOTAL DISCHARGE, 31 700 dam³

MATABITCHUAN RIVER AT RABBIT LAKE DAM - STATION NO. 02JE021

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1988

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	9.80	12.7	10.6	0	25.8	12.4	1.30	1.30	0	10.7	14.8	27.6	1
2	9.60	12.1	10.1	0	26.4	11.4	1.30	1.30	0.100	11.2	14.8	26.8	2
3	9.40	11.5	9.50	0	27.0	10.8	1.40	1.30	0.100	11.5	14.8	26.2	3
4	9.20	11.1	15.4	0	27.3	10.4	1.40	1.30	0.200	11.5	14.8	25.3	4
5	9.00	10.5	23.3	0	27.6	9.70	1.40	1.30	0.300	11.5	14.8	24.4	5
6	8.40	10.0	21.6	0	27.6	9.50	1.40	1.40	5.10	11.7	15.4	24.1	6
7	12.5	9.80	19.7	0	27.3	9.90	1.40	1.30	12.0	11.7	21.0	23.8	7
8	17.2	9.40	18.1	0	28.7	2.10	1.40	1.20	11.4	11.5	29.6	23.3	8
9	16.8	9.10	16.8	0	28.1	2.00	1.40	1.20	11.2	11.2	28.5	21.9	9
10	16.7	8.80	15.9	0	26.8	2.00	1.40	1.30	10.8	10.8	28.2	21.1	10
11	15.0	8.40	14.8	0	13.1	2.10	1.40	1.30	10.1	10.8	28.5	20.1	11
12	14.4	8.10	14.0	0	13.4	2.30	1.40	1.30	9.60	10.8	27.5	19.6	12
13	13.7	8.10	13.4	0	14.4	2.30	1.40	1.30	9.30	10.8	26.8	19.1	13
14	13.1	7.80	12.7	0	15.2	2.30	1.50	1.40	8.80	10.7	26.8	18.7	14
15	12.3	7.80	12.1	0	16.1	1.30	1.40	1.70	8.30	10.4	26.6	18.4	15
16	12.1	16.0	11.5	0	16.8	0.800	1.50	1.70	8.00	10.2	26.2	18.4	16
17	11.7	25.8	11.1	0	17.1	0.800	1.50	1.80	7.80	10.2	26.2	17.3	17
18	11.1	24.0	10.8	0	17.4	0.800	1.50	1.80	7.80	9.90	26.2	16.6	18
19	10.8	22.6	10.4	0.400	17.7	0.800	1.70	1.80	7.30	12.0	26.6	16.3	19
20	22.6	20.8	9.80	1.80	18.0	0.700	1.50	1.70	7.30	12.8	28.6	15.7	20
21	21.8	19.3	9.40	10.1	17.7	0.700	1.70	1.70	7.10	13.1	26.6	16.0	21
22	20.6	18.2	9.10	15.8	18.0	0.700	1.70	1.70	6.80	13.8	29.8	15.1	22
23	19.4	16.8	8.70	17.2	17.7	0.800	1.70	1.70	6.40	14.5	33.0	14.7	23
24	18.6	15.7	16.0	18.6	17.1	0.700	1.70	1.50	6.40	14.8	32.0	14.7	24
25	17.6	14.6	25.9	19.5	16.8	0.800	1.70	1.70	5.80	15.4	31.0	14.6	25
26	15.6	13.6	24.1	20.7	15.8	1.30	1.70	1.00	7.80	15.1	30.0	13.8	26
27	15.7	12.8	21.9	21.5	15.5	1.20	1.70	0	10.7	14.8	29.3	13.6	27
28	14.6	12.0	19.6	22.6	15.0	1.20	1.70	0	11.2	14.6	28.7	13.6	28
29	14.1	11.4	12.2	23.7	13.9	1.20	1.70	0	10.7	15.1	28.4	12.9	29
30	13.7		0	24.6	13.4	1.20	1.70	0	10.7	14.8	27.8	12.8	30
31	13.1		0		12.9		1.70	0		14.6		12.6	31
TOTAL	440.20	388.60	428.60	198.300	600.4	99.000	47.30	38.00	218.600	383.10	781.6	578.8	TOTAL
MEAN	14.2	13.4	13.8	6.54	19.4	3.32	1.53	1.23	7.32	12.4	25.4	18.7	MEAN
MAX	22.6	25.8	25.9	24.6	27.6	12.4	1.70	1.80	12.0	15.4	33.0	27.6	MAX
MIN	8.40	7.80	0	0	12.9	0.800	1.30	0	0	9.90	14.8	12.6	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 11.4
MAXIMUM DAILY, 33.0 ON NOV 23
MINIMUM DAILY, 0 ON MAR 30

DATA CONTRIBUTED BY -
ONTARIO HYDRO

SUMMARY FOR THE YEAR 1988

TYPE OF GAUGE - MANUAL
LOCATION - LAT 47 01 44 N
LONG 79 35 14 W
DRAINAGE AREA, 748 km²

REGULATED

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	38 000	JUL	4 090
FEB	33 600	AUG	3 280
MAR	37 000	SEP	18 000
APR	17 000	OCT	33 100
MAY	51 900	NOV	65 800
JUN	8 610	DEC	50 000

TOTAL DISCHARGE, 361 000 dam³

MATCHEDASH BAY ABOVE HIGHWAY 69 - STATION NO. 02ED021

DAILY WATER LEVEL IN METRES FOR 1988

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	---	---	---	---	---	---	---	---	2.440	2.368	2.288E	2.428	1
2	---	---	---	---	---	---	---	---	2.451	2.374	2.328E	2.888	2
3	---	---	---	---	---	---	---	---	2.385	2.338	2.269E	2.889	3
4	---	---	---	---	---	---	---	2.481A	2.393	2.270	2.178E	2.886	4
5	---	---	---	---	---	---	---	2.488	2.457	2.308	2.068E	2.365	5
6	---	---	---	---	---	---	---	2.525	2.491	2.343	2.303E	2.408	6
7	---	---	---	---	---	---	---	2.554	2.488	2.311	2.278E	2.447	7
8	---	---	---	---	---	---	---	2.482	2.408	2.247	2.327A	2.361	8
9	---	---	---	---	---	---	---	2.514	2.445	2.254	2.328	2.387	9
10	---	---	---	---	---	---	---	2.535	2.524	2.430	2.340	2.319	10
11	---	---	---	---	---	---	---	2.474	2.388	2.482	2.406	2.388	11
12	---	---	---	---	---	---	---	2.503	2.345	2.367	2.181A	2.378	12
13	---	---	---	---	---	---	---	2.498	2.508	2.358	2.331	2.377	13
14	---	---	---	---	---	---	---	2.589	2.497	2.375	2.486	2.285	14
15	---	---	---	---	---	---	---	2.707	2.384	2.269	2.221	2.443	15
16	---	---	---	---	---	---	---	2.528	2.257	2.231E	2.225	2.348	16
17	---	---	---	---	---	---	---	2.548	2.332	2.300E	2.703	2.285	17
18	---	---	---	---	---	---	---	2.442	2.368	2.417E	2.633	2.288	18
19	---	---	---	---	---	---	---	2.446	2.280	2.301E	2.181	2.285	19
20	---	---	---	---	---	---	---	2.481	2.408	2.293E	2.312	2.299	20
21	---	---	---	---	---	---	---	2.459	2.536	2.243E	2.418	2.460	21
22	---	---	---	---	---	---	---	2.418	2.351	2.283E	2.312	2.184	22
23	---	---	---	---	---	---	---	2.342	2.516	2.261E	2.326	2.183A	23
24	---	---	---	---	---	---	---	2.461	2.423	2.234E	2.283	2.327	24
25	---	---	---	---	---	---	---	2.510	2.400	2.411E	2.248	2.517	25
26	---	---	---	---	---	---	---	2.563	2.357	2.390E	2.223	2.408	26
27	---	---	---	---	---	---	---	2.418	2.405	2.311E	2.355	2.193	27
28	---	---	---	---	---	---	---	2.498	2.303	2.579E	2.418	2.468	28
29	---	---	---	---	---	---	---	2.485	2.201	2.601E	2.378	2.378	29
30	---		---	---	---	---	---	2.453	2.330	2.368E	2.400	2.321	30
31	---		---		---		---	2.408		2.298E		2.350	31
MEAN	---	---	---	---	---	---	---	---	2.401	2.343	2.318	2.365	MEAN
MAX	---	---	---	---	---	---	---	---	2.536	2.601	2.703	2.568	MAX
MIN	---	---	---	---	---	---	---	---	2.201	2.231	2.068	2.183	MIN

SUMMARY FOR THE YEAR 1988

TYPE OF GAUGE - RECORDING
LOCATION - LAT 44 46 39 N
LONG 79 41 55 W

A - MANUAL GAUGE

E - ESTIMATED

NATURAL FLOW

WATER LEVELS ARE REFERRED TO ASSUMED DATUM
APPLY 174.057 m ADJUSTMENT TO CONVERT TO GEODETIC SURVEY OF CANADA DATUM

REMARKS - STATION ACTIVATED AUG 1988

MATCHEDASH BAY BELOW HIGHWAY 69 - STATION NO. 02ED020

DAILY WATER LEVEL IN METRES FOR 1988

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	---	---	---	---	---	---	---	---	2.439	2.378	2.271	2.431	1
2	---	---	---	---	---	---	---	---	2.451	2.376	2.333	2.589	2
3	---	---	---	---	---	---	---	---	2.394	2.343	2.264	2.580	3
4	---	---	---	---	---	---	---	2.493A	2.385	2.278	2.183	2.534	4
5	---	---	---	---	---	---	---	2.500	2.456	2.311	2.071	2.361	5
6	---	---	---	---	---	---	---	2.827	2.486	2.348	2.208	2.406	6
7	---	---	---	---	---	---	---	2.559	2.445	2.320	2.280	2.442	7
8	---	---	---	---	---	---	---	2.494	2.408	2.281	2.330	2.363	8
9	---	---	---	---	---	---	---	2.515	2.447	2.285	2.346	2.393	9
10	---	---	---	---	---	---	---	2.539	2.526	2.419	2.348	2.320	10
11	---	---	---	---	---	---	---	2.472	2.398	2.487	2.411	2.288	11
12	---	---	---	---	---	---	---	2.505	2.349	2.386	2.186	2.275	12
13	---	---	---	---	---	---	---	2.500	2.514	2.356	2.335	2.376	13
14	---	---	---	---	---	---	---	2.589	2.498	2.386	2.503	2.264	14
15	---	---	---	---	---	---	---	2.717	2.386	2.273	2.225	2.441	15
16	---	---	---	---	---	---	---	2.531	2.262	2.236	2.241	2.351	16
17	---	---	---	---	---	---	---	2.551	2.330	2.306	2.708	2.287	17
18	---	---	---	---	---	---	---	2.447	2.368	2.422	2.538	2.281	18
19	---	---	---	---	---	---	---	2.452	2.278	2.306	2.192	2.256	19
20	---	---	---	---	---	---	---	2.488	2.400	2.298	2.315	2.298	20
21	---	---	---	---	---	---	---	2.485	2.534	2.248	2.417	2.485	21
22	---	---	---	---	---	---	---	2.421	2.348	2.286	2.312	2.178	22
23	---	---	---	---	---	---	---	2.367	2.521	2.286	2.326	2.164	23
24	---	---	---	---	---	---	---	2.483	2.418	2.239	2.281	2.322	24
25	---	---	---	---	---	---	---	2.512	2.386	2.416	2.249	2.514	25
26	---	---	---	---	---	---	---	2.582	2.352	2.385	2.228	2.388	26
27	---	---	---	---	---	---	---	2.418	2.402	2.316	2.384	2.200	27
28	---	---	---	---	---	---	---	2.501	2.288	2.584	2.423	2.478	28
29	---	---	---	---	---	---	---	2.483	2.208	2.606	2.376	2.373	29
30	---		---	---	---	---	---	2.481	2.338	2.373	2.386	2.317	30
31	---		---		---		---	2.408		2.303		2.344	31
MEAN	---	---	---	---	---	---	---	---	2.401	2.348	2.322	2.383	MEAN
MAX	---	---	---	---	---	---	---	---	2.534	2.606	2.706	2.580	MAX
MIN	---	---	---	---	---	---	---	---	2.208	2.236	2.071	2.164	MIN

SUMMARY FOR THE YEAR 1988

A - MANUAL GAUGE

TYPE OF GAUGE - RECORDING
LOCATION - LAT 44 45 32 N
LONG 79 42 03 W

WATER LEVELS ARE REFERRED TO ASSUMED DATUM
APPLY 174.057 m ADJUSTMENT TO CONVERT TO GEODETIC SURVEY OF CANADA DATUM

REMARKS - STATION ACTIVATED AUG 1988

MATTAGAMI RIVER AT LITTLE LONG RAPIDS - STATION NO. 04LG003

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1988

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	138	180	148	150	2 100	828	393	83.4	388	485	375	880	1
2	183	143	180	381	2 430	870	318	145	385	518	370	888	2
3	134	178	132	204	2 530	848	283	150	345	339	388	785	3
4	158	148	148	271	2 520	842	304	108	304	407	348	838	4
5	184	178	128	388	2 380	494	303	103	304	388	328	880	5
6	187	138	120	308	2 240	430	261	808	281	351	480	878	6
7	180	132	147	287	2 050	444	234	878	221	348	848	882	7
8	158	148	82.4	328	1 880	373	234	888	220	347	1 100	888	8
9	158	147	82.3	341	1 850	388	192	.741	218	281	1 140	838	9
10	148	182	118	532	1 870	378	178	850	281	288	1 080	807	10
11	180	144	141	532	1 820	288	170	518	258	214	1 100	480	11
12	148	141	108	532	1 480	383	180	483	202	281	1 030	487	12
13	183	140	121	534	1 580	338	148	482	204	358	817	411	13
14	141	131	137	535	1 830	237	145	381	180	378	842	388	14
15	183	135	152	534	1 870	248	138	534	194	377	843	348	15
16	102	138	143	538	1 820	248	88.7	1 040	208	371	808	345	16
17	87.8	138	139	870	1 840	248	87.4	1 050	208	374	845	345	17
18	181	140	183	1 030	1 480	180	208	888	191	347	1 280	348	18
19	180	138	88.1	1 010	1 280	214	137	823	207	331	1 170	345	19
20	183	138	84.7	840	1 130	241	183	844	281	328	1 080	304	20
21	181	134	148	852	843	208	148	518	281	328	1 040	304	21
22	180	182	181	825	843	434	181	458	228	302	892	304	22
23	138	138	144	898	818	340	78.8	338	281	300	822	278	23
24	142	139	147	858	734	281	110	281	281	300	802	281	24
25	183	142	148	1 000	781	238	148	281	281	302	813	281	25
26	187	141	155	1 050	588	281	148	281	483	280	733	281	26
27	172	128	138	1 280	817	373	181	280	318	281	747	281	27
28	148	138	182	1 430	804	487	184	335	281	307	825	243	28
29	188	148	148	1 580	837	434	148	393	518	278	1 110	281	29
30	188		128	1 780	721	434	78.8	453	518	278	1 010	281	30
31	128		187		857		88.8	483		388		178	31
TOTAL	4 881.8	4 188	4 182.5	22 072	44 833	10 828	5 881.4	14 881.4	8 411	10 283	25 837	13 428	TOTAL
MEAN	180	144	134	738	1 480	381	178	480	280	332	888	433	MEAN
MAX	172	178	187	1 780	2 530	828	383	1 050	518	518	1 280	880	MAX
MIN	87.8	128	82.3	150	837	180	78.8	83.4	180	214	328	178	MIN

SUMMARY FOR THE YEAR 1988

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 482
MAXIMUM DAILY, 2 530 ON MAY 3
MINIMUM DAILY, 82.3 ON MAR 9

TYPE OF GAUGE - POWER PLANT
LOCATION - LAT 50 00 15 N
LONG 82 10 00 W
DRAINAGE AREA, 34 700 km²

REGULATED

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	401 000	JUL	480 000
FEB	360 000	AUG	1 280 000
MAR	360 000	SEP	727 000
APR	1 910 000	OCT	888 000
MAY	3 860 000	NOV	2 220 000
JUN	936 000	DEC	1 160 000

TOTAL DISCHARGE, 14 800 000 dam³

DATA CONTRIBUTED BY -
ONTARIO HYDRO

MATTAGAMI RIVER AT SMOOTH ROCK FALLS - STATION NO. 04LB001

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1988

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	51.2	44.2	47.6	98.4	884	138	63.7	36.2	70.2	73.9	64.8	126	1
2	51.2	45.6	48.4	100	868	146	63.4	36.6	68.4	71.9	62.6	131	2
3	51.2	47.3	44.1	72.6	852	112	63.4	37.1	58.0	71.9	62.9	133	3
4	51.2	51.3	48.4	70.4	566	106	61.7	51.3	56.6	66.2	83.1	134	4
5	50.3	50.4	48.4	66.5	572	104	53.2	64.3	59.5	71.6	108	133	5
6	59.5	46.7	46.1	66.3	533	105	62.6	99.4	62.9	88.1	177	133	6
7	59.5	50.4	48.7	125	472	106	62.7	98.4	63.1	84.3	274	144	7
8	56.6	46.8	45.9	141	458	93.3	46.4	82.7	63.1	64.3	284	136	8
9	57.8	46.8	48.7	167	426	83.5	42.6	70.8	62.6	63.1	255	133	9
10	53.0	49.8	46.0	184	390	70.8	43.3	62.3	59.5	62.3	244	124	10
11	48.3	46.9	46.0	189	286	70.6	43.2	61.7	46.6	64.0	204	122	11
12	50.1	47.6	46.2	220	306	66.5	43.3	60.0	47.6	66.6	206	86.0	12
13	51.0	46.6	46.2	201	338	61.7	46.3	56.4	52.4	62.1	206	83.4	13
14	50.1	41.3	47.6	261	398	61.7	39.1	108	66.5	66.6	186	83.8	14
15	49.6	50.1	43.3	289	340	61.7	40.6	231	62.3	60.4	189	83.0	15
16	48.4	46.5	47.0	260	283	61.7	42.6	262	66.4	79.6	184	82.1	16
17	47.6	45.0	42.6	246	287	63.1	41.8	126	63.1	67.1	262	81.6	17
18	56.6	39.4	42.6	228	226	62.6	43.6	63.6	71.1	66.7	285	81.3	18
19	47.0	44.2	56.6	236	231	62.6	42.6	63.7	59.6	63.7	285	80.1	19
20	49.0	46.6	59.2	233	200	63.1	43.0	76.6	66.9	66.7	289	76.7	20
21	46.2	43.3	56.1	196	216	66.3	41.9	61.7	66.2	66.0	260	76.0	21
22	49.0	44.7	56.1	183	229	63.7	63.6	59.6	69.0	66.7	226	82.3	22
23	52.6	46.6	56.6	229	200	66.3	46.4	66.6	71.9	69.4	206	83.7	23
24	51.6	47.6	56.6	293	188	66.3	36.2	60.1	76.7	64.3	180	84.0	24
25	61.2	44.2	56.6	304	176	60.6	37.4	64.4	66.6	73.9	163	83.7	25
26	60.3	53.6	60.0	288	161	73.9	41.1	69.7	77.6	71.1	163	82.8	26
27	66.6	48.4	61.2	394	146	64.3	43.3	118	80.3	66.3	244	82.8	27
28	64.4	46.2	61.7	397	130	71.1	46.6	61.6	106	71.8	263	83.1	28
29	47.0	47.6	61.7	454	173	63.1	37.4	66.3	116	71.8	272	83.1	29
30	43.3		62.3	506	164	63.7	39.8	76.6	106	101	220	83.4	30
31	42.8		109		169		36.2	76.4		66.6		83.4	31
TOTAL	1 661.4	1 347.8	1 644.8	6 705.6	10 269	2 344.4	1 443.4	2 662.6	2 061.7	2 209.3	6 110.4	2 662.6	TOTAL
MEAN	53.6	46.6	53.1	224	331	78.1	46.6	82.7	68.7	71.3	204	82.3	MEAN
MAX	61.2	53.6	109	506	884	146	63.7	262	116	101	286	144	MAX
MIN	42.8	39.4	42.6	66.6	130	66.3	36.2	36.2	47.6	62.3	62.6	62.3	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 113
MAXIMUM DAILY, 884 ON MAY 1
MINIMUM DAILY, 36.2 ON JUL 24

DATA CONTRIBUTED BY -
ABITIBI - PRICE INC.

SUMMARY FOR THE YEAR 1988

TYPE OF GAUGE - POWER PLANT
LOCATION - LAT 48 16 04 N
LONG 81 38 30 W
DRAINAGE AREA, 10 000 km²

REGULATED

MONTHLY TOTAL DISCHARGE
IN CUBIC DECAMETRES

JAN	164 000	JUL	125 000
FEB	116 000	AUG	221 000
MAR	142 000	SEP	176 000
APR	579 000	OCT	181 000
MAY	887 000	NOV	526 000
JUN	203 000	DEC	247 000

TOTAL DISCHARGE, 3 580 000 dam³

MATTAGAMI RIVER NEAR TIMMINS - STATION NO. 04LA002

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1988

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	43.2	46.3	41.2	85.2	233	98.4	26.8	16.9	40.6	28.2	41.6	120	1
2	42.4	44.1	42.8	77.2	251	85.4	31.4	16.7	40.0	27.3	42.0	137	2
3	43.8	44.4	43.2	73.2	257	86.7	41.4	26.2	38.3	26.6	40.6	116	3
4	45.0	42.7	43.0	64.2	257	81.8	43.6	27.4	36.0	32.7	42.6	109	4
5	53.3	43.4	42.7	56.2	252	80.0	36.6	28.1	36.7	33.6	46.7	107	5
6	58.1	44.7	43.2	61.6	231	68.0	31.8	29.1	40.1	32.7	63.1	111	6
7	60.6	44.6	42.0	66.6	216	63.9	27.9	29.0	38.6	31.6	78.6	116	7
8	58.2	44.3	44.2	71.6	206	77.0	26.7	28.2	36.2	31.1	117	110	8
9	46.0	44.1	47.2	74.6	203	68.8	25.6	26.6	36.6	31.0	118	122	9
10	40.6	46.9	46.6	78.0	178	57.6	26.7	21.9	34.9	31.9	118	133	10
11	40.0	46.6	47.4	84.0	164	66.4	26.3	18.0	33.7	36.4	121	130	11
12	38.1	46.3	47.3	80.6	144	64.6	26.1	16.6	36.0	36.6	120	124	12
13	37.2	44.9	47.6	83.4	134	64.3	32.6	22.6	36.2	36.0	122	122	13
14	46.4	44.6	50.1	93.6	118	61.4	34.6	26.7	46.9	37.6	120	113	14
15	54.4	46.6	53.6	97.1	118	61.7	33.0	26.6	46.6	37.0	124	103	15
16	60.4	43.6	48.3	96.7	117	46.6	33.2	26.6	44.2	36.6	128	107	16
17	61.4	44.6	54.6	95.7	114	41.6	32.3	21.1	43.3	37.0	129	106	17
18	66.6	46.0	54.3	86.3	106	38.6	31.4	23.6	41.9	37.4	161	86.6	18
19	60.0	44.3	52.6	86.7	116	37.0	31.0	22.1	36.6	37.2	171	87.9	19
20	44.0	42.3	54.6	86.6	140	36.7	29.4	22.7	30.4	37.4	171	84.3	20
21	48.4	43.7	49.6	86.6	151	36.4	27.1	22.6	31.2	37.6	166	78.6	21
22	61.4	47.6	66.1	87.2	160	36.6	26.0	21.6	32.1	36.4	160	72.3	22
23	63.6	46.1	67.3	100	147	31.2	24.6	20.7	31.6	36.7	166	76.2	23
24	64.6	46.3	66.3	103	142	26.2	22.6	20.6	37.2	36.6	166	76.2	24
25	60.3	43.6	63.3	106	130	32.6	21.6	24.3	33.6	36.6	136	72.2	25
26	63.3	43.3	63.0	112	120	37.2	27.4	33.0	36.6	36.2	114	66.1	26
27	66.1	43.2	61.3	120	106	36.1	27.6	41.6	40.6	36.7	119	66.6	27
28	66.6	43.1	66.0	131	102	36.3	26.6	43.4	41.7	36.1	131	70.6	28
29	66.7	42.3	71.4	144	106	26.1	27.0	43.2	36.0	41.4	133	67.0	29
30	66.7		66.7	164	106	26.6	26.6	42.3	27.6	42.2	131	70.6	30
31	64.6		66.0		107		24.6	41.6		41.6		66.6	31
TOTAL	1 611.0	1 266.0	1 666.6	2 636.4	4 626	1 622.1	906.1	632.6	1 066.2	1 106.0	3 483.7	3 062.7	TOTAL
MEAN	66.7	66.3	64.4	64.6	166	64.1	26.3	26.6	36.3	36.6	116	66.6	MEAN
MAX	61.4	47.6	66.0	164	267	66.4	43.6	43.4	46.6	42.2	171	137	MAX
MIN	37.2	42.3	41.2	66.2	102	26.6	21.6	16.7	23.7	26.6	40.6	67.0	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 66.6
MAXIMUM DAILY, 267 ON MAY 3
MINIMUM DAILY, 16.7 ON AUG 2
MAXIMUM INSTANTANEOUS,
356 AT 16:39 EST ON MAY 3

SUMMARY FOR THE YEAR 1988

TYPE OF GAUGE - RECORDING
LOCATION - LAT 48 23 52 N
LONG 81 26 45 W
DRAINAGE AREA, 6 540 km²

REGULATED

MONTHLY TOTAL DISCHARGE
IN CUBIC DECAMETRES

JAN	131 000	JUL	76 500
FEB	111 000	AUG	72 000
MAR	146 000	SEP	84 000
APR	246 000	OCT	86 500
MAY	426 000	NOV	301 000
JUN	160 000	DEC	266 000

TOTAL DISCHARGE, 2 110 000 dam³

MATTAWA RIVER BELOW BOUILLON LAKE - STATION NO. 02JE020

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1988

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	8.23	8.41	7.47	18.6	18.1	13.2	5.53	3.51	19.2	13.6	19.0	27.2	1
2	8.86	11.7	7.36	23.3	18.6	4.84	5.28	3.37	11.6	22.3	16.4	26.2	2
3	8.76	13.7	7.24	31.3	18.3	2.02	4.86	3.21	9.30	29.1	17.6	23.6	3
4	8.59	14.3	7.03	46.1	18.1	1.26	4.59	3.27	10.5	35.4	16.9	22.3	4
5	8.46	14.4	6.76	53.6	18.9	0.974	4.21	3.63	13.8	32.8	16.7	20.0	5
6	8.32	14.4	6.58	53.6	18.7	0.908	3.85	4.77	15.1	30.1	17.0	17.0	6
7	8.05	13.8	6.37	86.4	18.2	0.864	3.76	5.18	17.7	27.1	17.7	16.3	7
8	7.77	13.1	6.20	102	17.6	1.17	3.46	5.08	17.1	24.9	18.1	15.8	8
9	7.63	12.4	6.26	101	17.0	1.61	3.41	5.66	15.7	23.6	18.2	15.1	9
10	7.38	11.6	6.87	93.8	16.9	1.76	3.32	5.71	14.7	20.9	20.0	14.4	10
11	8.98	11.2	6.69	86.6	16.8	1.93	3.36	5.61	13.5	20.3	26.0	13.8	11
12	8.78	10.8	6.95	78.2	16.9	2.07	3.41	5.77	12.3	19.7	29.4	13.6	12
13	8.74	10.7	7.48	70.0	18.1	2.30	3.26	9.30	12.6	18.3	30.6	12.0	13
14	8.85	10.3	7.74	68.6	18.8	2.42	2.86	22.2	12.9	16.4	33.3	11.6	14
15	8.46	9.86	7.77	68.6	18.3	4.21	2.40	46.0	13.3	16.9	38.7	11.4	15
16	8.18	9.61	7.78	67.2	20.0	5.23	2.42	43.2	12.7	16.8	37.2	11.3	16
17	8.06	9.43	7.88	63.4	20.3	4.78	2.36	39.2	12.1	16.6	42.1	11.0	17
18	8.26	9.31	7.81	54.2	19.8	4.33	2.22	28.0	11.6	16.6	52.2	10.6	18
19	8.40	8.88	7.51	39.6	19.2	4.03	2.58	9.66	11.0	31.7	49.2	10.6	19
20	8.40	8.78	7.34	36.7	18.1	3.80	2.70	7.81	10.6	37.6	45.3	10.4	20
21	8.88	8.86	7.24	37.3	18.2	3.78	2.51	8.23	11.6	38.6	42.1	10.7	21
22	8.71	8.81	7.08	34.4	18.3	3.88	2.47	8.30	13.0	36.6	38.1	10.8	22
23	8.78	8.72	6.81	31.8	18.1	4.31	2.40	8.39	13.8	31.2	32.8	11.2	23
24	8.88	8.53	6.74	30.8	18.6	3.84	2.50	8.62	13.8	27.8	23.4	11.4	24
25	8.89	8.40	6.86	30.0	17.7	3.78	3.02	8.78	13.3	26.2	22.8	11.4	25
26	8.85	8.22	7.58	28.3	16.8	3.86	3.36	16.6	12.6	23.6	22.8	11.4	26
27	8.60	7.86	8.44	26.6	16.5	3.86	3.86	19.8	12.4	22.3	23.4	11.4	27
28	8.39	7.73	11.8	27.8	15.9	4.07	3.87	21.8	12.8	21.3	26.2	11.3	28
29	8.21	7.66	13.6	25.9	15.4	4.18	3.81	28.0	13.2	21.1	28.3	11.2	29
30	8.05		14.9	19.3	15.0	4.46	3.93	25.8	13.2	20.9	26.6	10.8	30
31	8.36		16.9		14.8		3.78	22.8		18.9		10.6	31
TOTAL	218.85	301.98	251.31	1 588.2	557.3	104.143	105.85	441.36	387.70	752.8	850.0	434.7	TOTAL
MEAN	7.06	10.4	8.11	53.0	18.0	3.47	3.41	14.2	13.3	24.3	28.3	14.0	MEAN
MAX	8.23	14.4	16.9	102	20.3	13.2	5.53	46.0	19.2	38.6	52.2	27.2	MAX
MIN	6.05	7.66	6.20	18.3	14.8	0.806	2.32	3.21	9.30	13.8	16.7	10.4	MIN

SUMMARY FOR THE YEAR 1988

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 18.4
MAXIMUM DAILY, 102 ON APR 6
MINIMUM DAILY, 0.806 ON JUN 6
MAXIMUM INSTANTANEOUS,
104 AT 22:15 EST ON APR 6

TYPE OF GAUGE - RECORDING
LOCATION - LAT 46 17 56 N
LONG 79 54 26 W
DRAINAGE AREA, 809 km²

REGULATED

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	15 000	JUL	9 150
FEB	26 100	AUG	38 100
MAR	21 700	SEP	34 400
APR	137 000	OCT	65 000
MAY	48 200	NOV	73 400
JUN	9 000	DEC	37 500

TOTAL DISCHARGE, 519 000 dam³

MATTAWISHKWIA RIVER AT HEARST - STATION NO. 04LK001

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1988

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	2.688	1.08 B	0.450B	1.138	95.0	18.1	25.7	1.80	11.2	18.3	8.308	25.5 B	1
2	2.828	1.04 B	0.448B	1.338	104	16.8	20.8	3.09	10.2	17.2	7.788	25.0 B	2
3	2.858	1.01 B	0.438B	1.828	108	14.9	17.1	6.38	9.18	15.8	7.63	23.4 B	3
4	2.608	0.980B	0.430B	1.808	110	13.1	14.1	8.86	8.72	14.8	7.48	20.0 B	4
5	2.448	0.950B	0.420B	2.408	108	11.4	11.2	20.3	8.86	12.9	7.86	17.0 B	5
6	2.378	0.910B	0.420B	3.108	86.7	10.0	9.41	34.7	8.81	11.5	8.228	14.2 B	6
7	2.308	0.870B	0.415B	6.008	84.9	8.81	7.80	39.0	8.26	10.3	10.3	12.1 B	7
8	2.268	0.840B	0.420B	17.0 B	75.7	7.84	6.50	35.4	7.78	9.28	10.5	10.4 B	8
9	2.218	0.810B	0.420B	24.0 B	73.6	6.88	5.35	29.7	7.20	8.38	10.8	9.108	9
10	2.148	0.780B	0.420B	30.5 B	83.6	6.27	4.37	24.4	6.89	8.18	11.2	7.908	10
11	2.098	0.770B	0.420B	38.5 B	107	5.89	3.88	19.8	6.14	8.88	12.2 B	7.108	11
12	2.028	0.740B	0.420B	40.0 B	104	4.88	3.01	16.4	5.85	8.73	12.3	6.108	12
13	1.958	0.710B	0.418B	47.0 B	111	4.47	2.62	13.9	5.48	8.84	12.5	5.808	13
14	1.918	0.680B	0.415B	54.0 B	114	4.44	2.39	15.2	5.17	8.58	12.4	5.108	14
15	1.868	0.670B	0.415B	54.0 B	104	4.66	2.22	31.7	5.00	8.21	12.3	4.808	15
16	1.808	0.640B	0.410B	52.0 B	94.0	5.32	2.20	45.2	4.79	8.77	18.4	4.358	16
17	1.748	0.620B	0.410B	50.0 B	80.9	5.53	2.24	45.7	4.83	8.74	36.0	4.108	17
18	1.888	0.600B	0.405B	47.0 B	68.7	6.76	2.20	39.5	4.24	8.10	41.5 B	3.858	18
19	1.848	0.590B	0.405B	45.0 B	58.3	11.0	2.11	32.6	4.07	9.01	39.1 B	3.708	19
20	1.598	0.570B	0.405B	43.0 B	50.4	15.2	1.92	26.4	4.64	8.76	36.4 B	3.538	20
21	1.558	0.560B	0.405B	42.0 B	44.4	16.2	1.71	21.6	5.47	8.36	33.1 B	3.408	21
22	1.518	0.550B	0.408B	42.0 B	38.7	16.3	1.54	18.4	6.52	8.06	30.0 B	3.308	22
23	1.478	0.534B	0.430B	42.6 B	34.3	14.6	1.42	15.6	7.76	7.63	27.6 B	3.208	23
24	1.428	0.520B	0.470B	45.6 B	30.4	13.0	1.36	14.6	8.08	7.78	24.9	3.108	24
25	1.378	0.510B	0.525B	49.6 B	27.2	17.6	1.62	14.3	9.14	7.86	22.6	3.028	25
26	1.328	0.485B	0.588B	58.0 B	24.3	30.3	1.33	14.3	9.81	7.25	22.1 B	2.848	26
27	1.288	0.468B	0.630B	61.0 B	22.0	38.0	1.17	14.6	12.6	7.12	21.7	2.868	27
28	1.248	0.470B	0.680B	66.7	20.4	39.0	1.07	14.8	17.6	7.60	21.7 B	2.778	28
29	1.208	0.480B	0.770B	76.2	19.6	38.2	1.08	14.1	16.6	8.330	22.8 B	2.698	29
30	1.168		0.870B	84.6	20.3	31.1	1.31	13.3	15.7	8.648	24.2 B	2.628	30
31	1.128		0.980B		19.6		1.33	12.3		8.64		2.568	31
TOTAL	57.00	20.484	15.184	1 127.88	2 142.1	434.37	161.88	658.82	250.81	305.40	575.78	245.31	TOTAL
MEAN	1.84	0.708	0.488	37.6	69.1	14.5	5.21	21.2	8.36	9.85	19.2	7.91	MEAN
MAX	2.88	1.08	0.980	84.6	114	39.0	25.7	45.7	15.6	18.3	41.5	25.5	MAX
MIN	1.12	0.460	0.405	1.13	19.6	4.44	1.07	1.50	4.07	7.12	7.49	2.58	MIN

SUMMARY FOR THE YEAR 1988

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 18.4
MAXIMUM DAILY, 114 ON MAY 14
MINIMUM DAILY, 0.405B ON MAR 18
MAXIMUM INSTANTANEOUS,
118 AT 00:07 EST ON MAY 14

TYPE OF GAUGE - RECORDING
LOCATION - LAT 49 40 58 N
LONG 83 39 20 W
DRAINAGE AREA, 1 140 km²

B - ICE CONDITIONS

NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	4 820	JUL	14 000
FEB	1 770	AUG	56 800
MAR	1 310	SEP	21 700
APR	97 488	OCT	26 400
MAY	186 000	NOV	49 700
JUN	37 536	DEC	21 200

TOTAL DISCHARGE, 518 000 dam³

MCGREGOR CREEK NEAR CHATHAM - STATION NO. 02GE007

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1988

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	0.780B	2.20 B	0.540B	1.18	0.302	0.083	0.035	0.068	0.024	0.030	0.082	0.293	1
2	0.680B	1.50 B	0.580B	0.886	0.280	0.169	0.032	0.039	0.026	0.039	0.066	0.253	2
3	0.650B	1.10 B	0.650B	1.06	0.237	0.180	0.033	0.032	0.024	0.056	0.076	0.267	3
4	0.510B	0.800B	0.620B	2.20	0.225	0.138	0.034	0.032	0.039	0.062	0.078	0.201	4
5	0.450B	0.640B	0.600B	1.57	0.226	0.118	0.033	0.048	0.300	0.040	0.609	0.192	5
6	0.410B	0.520B	0.820B	1.25	0.232	0.089	0.031	0.875	0.208	0.036	2.63	0.209	6
7	0.365B	0.430B	1.30 B	1.71	0.211	0.084	0.030E	0.272	0.069	0.035	1.71	0.204	7
8	0.330B	0.480B	2.00 B	1.56	0.197	0.082	0.028E	0.082	0.041	0.035	1.46	0.185	8
9	0.300B	0.480B	5.75 B	1.09	0.230	0.080	0.028E	0.035	0.036	0.040	1.08	0.105	9
10	0.285B	0.425B	4.45	0.830	0.384	0.077	0.028E	0.043	0.031	0.080	1.72	0.0908	10
11	0.270B	0.410B	2.89	0.717	0.267	0.071	0.038	0.158	0.029	0.109	1.58	0.0688	11
12	0.261B	0.400B	3.54	0.613	0.216	0.068	0.043	0.188	0.031	0.114	0.850	0.0538	12
13	0.258B	0.390B	7.35	0.536	0.209	0.068	0.034	0.135	0.038	0.063	5.80	0.0408	13
14	0.258B	0.385B	3.05	0.503	0.183	0.062	0.029	0.047	0.043	0.040	5.51	0.0508	14
15	0.253B	0.430B	2.30	0.451	0.183	0.060	0.027	0.038	0.033	0.037	1.83	0.124	15
16	0.251B	0.480B	2.05	0.410	0.804	0.049	0.028	0.032	0.028	0.040	1.01	0.126	16
17	0.500B	0.525B	1.74	0.380	0.393	0.048	0.078	0.028	0.025	0.048	0.777	0.0508	17
18	1.46 B	0.600B	2.87	0.448	0.250	0.047	0.201	0.028	0.027	1.45	0.546	0.0388	18
19	0.810B	0.700B	3.10	0.378	0.216	0.045	0.136	0.030	0.031	1.09	0.818	0.0488	19
20	1.28 B	0.830B	2.23	0.329	0.239	0.043	0.067	0.027	0.030	0.333	1.20	0.102	20
21	0.700B	1.35 B	1.76	0.354	0.259	0.042	0.038	0.024	0.031	0.175	7.81	0.314	21
22	0.560B	2.80 B	1.38	0.311	0.269	0.038	0.033	0.022	0.032	0.151	2.30	0.2228	22
23	0.480B	5.40 B	1.55	0.548	0.197	0.040	0.032	0.023	0.097	0.173	1.32	0.3508	23
24	0.400B	3.60 B	5.15	0.583	0.175	0.037	0.042	0.026	0.147	0.343	0.833	0.740	24
25	0.380B	2.10 B	13.6	0.402	0.139	0.036	0.038	0.036	0.053	0.423	0.734	0.588	25
26	0.335B	1.25 B	13.1	0.352	0.120	0.037	0.032	0.038	0.031	0.318	0.630	0.381	26
27	0.315B	0.820B	4.50	0.350	0.105	0.034	0.032	0.030	0.027	0.240	0.575	1.18	27
28	0.300B	0.630B	2.46	0.384	0.097	0.033	0.031	0.031	0.026	0.174	0.481	4.00 B	28
29	0.280B	0.570B	2.30	0.385	0.084	0.036	0.030	0.035	0.026	0.125	0.375	4.34	29
30	0.345B		1.95	0.387	0.081	0.036	0.141	0.034	0.026	0.089	0.317	2.05 B	30
31	0.550B		1.42		0.077		0.337	0.026		0.070		1.15 B	31
TOTAL	14.843	33.435	98.810	22.226	7.076	2.002	1.778	2.581	1.806	8.019	45.188	18.010	TOTAL
MEAN	0.479	1.15	3.12	0.741	0.228	0.067	0.057	0.083	0.054	0.194	1.51	0.581	MEAN
MAX	1.46	5.40	13.6	2.20	0.804	0.180	0.337	0.875	0.300	1.45	7.81	4.34	MAX
MIN	0.251	0.385	0.540	0.311	0.077	0.033	0.026	0.022	0.024	0.030	0.082	0.035	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 0.587
MAXIMUM DAILY, 13.6 ON MAR 25
MINIMUM DAILY, 0.022 ON AUG 22
MAXIMUM INSTANTANEOUS,
26.0 AT 21:04 EST ON MAR 25

SUMMARY FOR THE YEAR 1988

TYPE OF GAUGE - RECORDING
LOCATION - LAT 42 23 00 N
LONG 82 05 39 W
DRAINAGE AREA, 202 km²

B - ICE CONDITIONS
E - ESTIMATED
NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	1 280	JUL	154
FEB	2 680	AUG	221
MAR	8 360	SEP	139
APR	1 920	OCT	520
MAY	611	NOV	3 900
JUN	173	DEC	1 560

TOTAL DISCHARGE, 21 700 dam³

MCINTYRE RIVER ABOVE THUNDER BAY - STATION NO. 02AB020

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1988

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	0.013B	0.003B	0.003B	1.60 B	0.787	0.407	0.080	0.133	0.817	0.327	0.485	0.5808	1
2	0.011B	0.003B	0.003B	1.88 B	0.833	0.366	0.085	0.217	1.21	0.289	0.467	0.5888	2
3	0.010B	0.003B	0.003B	1.74 B	0.727	0.317	0.056	0.587	1.08	0.285	0.453	0.5488	3
4	0.009B	0.002B	0.004B	1.80 B	0.725	0.287	0.051	0.462	0.884	0.374	0.493	0.5388	4
5	0.008B	0.002B	0.004B	1.85 B	0.719	0.271	0.032	0.615	0.682	0.380	0.560	0.5068	5
6	0.007B	0.002B	0.005B	1.90 B	0.745	0.226	0.017	1.09	0.355	0.389	0.802	0.4858	6
7	0.006B	0.002B	0.005B	1.85 B	0.716	0.177	0.013	0.868	0.276	0.537	0.586	0.4888	7
8	0.005B	0.002B	0.006B	1.98 B	0.682	0.172	0.027	0.674	0.237	0.621	0.532	0.4488	8
9	0.005B	0.002B	0.009B	2.02 B	1.27	0.144	0.048	0.487	0.209	0.685	0.5858	0.4328	9
10	0.004B	0.002B	0.012B	2.05 B	1.83	0.143	0.070	0.317	0.176	0.701	0.852	0.4168	10
11	0.003B	0.002B	0.018B	2.07 B	1.51	0.128	0.080	0.223	0.159	0.748	0.8358	0.4008	11
12	0.003B	0.002B	0.019B	2.08 B	1.25	0.127	0.065	0.185	0.154	0.783	0.8258	0.3858	12
13	0.003B	0.002B	0.022B	2.09 b	1.48	0.122	0.049	0.142	0.142	0.838	0.808	0.3728	13
14	0.003B	0.002B	0.024B	2.10 B	1.28	0.137	0.084	0.852	0.129	0.801	0.572	0.3858	14
15	0.003B	0.002B	0.027B	2.06 B	1.15	0.180	0.082	0.785	0.124	0.938	0.597	0.3438	15
16	0.003B	0.002B	0.030B	1.46	1.17	0.182	0.123	0.518	0.121	0.839	3.94	0.3308	16
17	0.003B	0.002B	0.034B	1.54	0.890	0.163	0.127	0.807	0.180	0.380	4.88	0.3178	17
18	0.003B	0.002B	0.039B	1.43	0.788	0.127	0.101	0.746	0.188	0.361	4.33	0.3048	18
19	0.003B	0.002B	0.044B	1.02	0.686	0.180	0.106	0.486	0.386	0.482	2.61	0.2968	19
20	0.003B	0.002B	0.050B	0.837	0.708	0.182	0.098	0.343	0.801	0.486	1.97 B	0.2838	20
21	0.003B	0.002B	0.057B	0.724	0.883	0.183	0.132	0.261	0.905	0.443	1.82 B	0.2728	21
22	0.003B	0.002B	0.065B	0.628	0.883	0.130	0.155	0.218	0.670	0.428	1.35 B	0.2628	22
23	0.003B	0.002B	0.075B	0.816	0.888	0.087	0.141	2.10	0.535	0.581	1.16 B	0.2528	23
24	0.003B	0.002B	0.085B	0.648	0.557	0.115	0.108	1.83	0.410	1.26	1.04 B	0.2428	24
25	0.003B	0.002B	0.250B	0.589	0.459	0.188	0.103	1.14	0.348	1.20	1.07	0.2328	25
26	0.003B	0.002B	0.600B	0.711	0.485	0.215	0.072	0.785	0.318	0.878	1.04 B	0.2238	26
27	0.003B	0.003B	0.840B	0.720	0.861	0.180	0.054	0.758	0.421	0.727	1.01 B	0.2148	27
28	0.003B	0.003B	1.24 B	0.670	0.781	0.120	0.038	0.712	0.383	0.8678	0.9758	0.2078	28
29	0.003B	0.003B	1.37 B	0.883	0.882	0.102	0.038	0.677	0.347	0.7288	0.7858	0.1988	29
30	0.003B		1.43 B	0.715	0.575	0.090	0.104	0.677	0.348	0.5738	0.6508	0.1918	30
31	0.003B		1.50 B		0.476		0.151	0.319		0.518		0.1638	31
TOTAL	0.142	0.064	7.971	42.031	28.715	5.309	2.411	19.887	12.381	19.588	36.883	10.830	TOTAL
MEAN	0.005	0.002	0.257	1.40	0.882	0.177	0.078	0.841	0.413	0.631	1.23	0.349	MEAN
MAX	0.013	0.003	1.50	2.10	1.83	0.407	0.155	2.10	1.21	1.28	4.88	0.580	MAX
MIN	0.003	0.002	0.003	0.618	0.459	0.080	0.013	0.133	0.121	0.285	0.453	0.163	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 0.503
MAXIMUM DAILY, 4.88 ON NOV 17
MINIMUM DAILY, 0.0028 ON FEB 4
MAXIMUM INSTANTANEOUS,
5.15 AT 20:22 EST ON NOV 16

SUMMARY FOR THE YEAR 1988

TYPE OF GAUGE - RECORDING
LOCATION - LAT 48 38 57 N
LONG 89 15 31 W
DRAINAGE AREA, 80.0 km²

B - ICE CONDITIONS

REGULATED

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	13.3	JUL	208
FEB	5.53	AUG 1	730
MAR	889	SEP 1	070
APR 3	630	OCT 1	880
MAY 2	310	NOV 3	190
JUN	469	DEC	936

TOTAL DISCHARGE, 15 900 dam³

MCKENZIE CREEK NEAR CALEDONIA - STATION NO. 02CB010

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1986

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	1.12 B	1.80 B	1.40B	2.92	1.20	0.374	0.126	0.597	0.473	0.460	0.670	0.853	1
2	1.02 B	1.50 B	1.30B	2.43	1.23	0.330	0.106	0.838	0.437	0.431	0.814	0.767	2
3	0.880B	1.30 B	1.50B	2.29	1.12	0.322	0.104	1.17	0.510	0.428	0.538	0.886	3
4	0.880B	1.15 B	1.40B	3.02	0.919	0.322	0.096	1.80	0.517	0.412	0.490	0.592	4
5	0.760B	1.05 B	1.33B	2.98	0.835	0.295	0.111	1.67	0.488	0.421	0.454	0.488	5
6	0.640B	0.880B	1.30B	2.88	0.683	0.287	0.099	1.34	0.530	0.443	0.493	0.473	6
7	0.530B	0.780B	1.28B	2.62	0.667	0.272	0.123	0.858	0.803	0.484	0.548	0.431	7
8	0.460B	0.680B	1.50B	2.38	0.445	0.273	0.100	0.788	0.806	0.472	0.834	0.4188	8
9	0.410B	0.590B	2.14	2.13	0.458	0.269	0.075	0.587	0.587	0.431	1.02	0.4088	9
10	0.390B	0.560B	2.84	1.80	0.706	0.264	0.073	0.841	0.517	0.438	1.45	0.3958	10
11	0.370B	0.550B	3.23	1.[illegible]	0.740	0.267	0.078	0.853	0.442	0.488	1.80	0.3838	11
12	0.360B	0.540B	2.88	1.34	0.851	0.240	0.084	0.511	0.436	0.406	1.81	0.3808	12
13	0.370B	0.540B	2.60	1.20	0.896	0.235	0.081	0.483	0.401	0.488	2.88	0.3808	13
14	0.365B	0.580B	2.34	1.08	0.575	0.250	0.052	0.858	0.343	0.628	2.94	0.3878	14
15	0.350B	0.718B	1.80B	0.995	0.547	0.242	0.051	1.05	0.341	0.788	2.88	0.4008	15
16	0.340B	0.900B	1.70B	0.882	0.589	0.267	0.068	1.24	0.338	0.718	2.58	0.3888	16
17	0.365B	1.10 B	1.50B	0.815	0.646	0.267	0.355	0.883	0.383	0.571	2.58	0.3878	17
18	0.365B	1.20 B	1.24B	0.767	0.715	0.243	0.191	0.632	0.414	0.823	2.34	0.3808	18
19	0.388B	1.30 B	1.24B	0.718	0.888	0.216	0.277	0.483	0.431	0.461	2.01	0.3838	19
20	0.700B	1.50 B	1.18B	0.693	1.41	0.208	0.551	0.411	0.477	0.578	2.17	0.3708	20
21	0.900B	2.50 B	1.08B	0.881	2.52	0.208	0.547	0.350	0.488	0.807	3.44	0.3888	21
22	0.880B	3.00 B	1.03B	0.878	2.18	0.230	0.802	0.318	0.498	1.15	3.38	0.3808	22
23	0.780B	5.88 B	1.00B	0.713	1.88	0.270	0.854	0.300	0.581	1.18	3.03	0.4008	23
24	0.700B	4.80 B	1.38	0.788	1.48	0.218	0.883	0.327	0.528	1.58	2.80	0.5008	24
25	0.630B	3.00 B	2.21	0.804	1.30	0.223	0.800	0.348	0.493	1.78	2.89	0.5908	25
26	0.590B	2.10 B	6.71	0.882	1.25	0.218	0.881	0.438	0.539	1.57	2.26	0.7008	26
27	0.570B	1.90 B	7.44	0.805	0.733	0.181	0.733	0.388	0.578	1.44	1.78	0.6708	27
28	0.580B	1.70 B	6.17	0.858	0.492	0.150	0.761	0.515	0.547	1.27	1.31	1.00 B	28
29	0.550B	1.50 B	5.54	1.18	0.421	0.150	0.727	0.534	0.501	1.13	1.04	1.80 B	29
30	0.600B		4.67	1.24	0.428	0.134	0.841	0.624	0.482	0.944	0.892	3.00 B	30
31	1.10 B		3.70		0.420		0.690	0.542		0.780		2.50 B	31
TOTAL	18.044	45.188	78.81	44.143	26.047	7.401	9.838	21.850	14.480	23.728	53.608	21.298	TOTAL
MEAN	0.614	1.56	2.48	1.47	0.805	0.247	0.321	0.705	0.483	0.765	1.78	0.687	MEAN
MAX	1.12	5.88	7.44	3.02	2.52	0.374	0.854	1.67	0.806	1.78	3.44	3.00	MAX
MIN	0.350	0.540	1.00	0.676	0.420	0.134	0.051	0.300	0.338	0.404	0.454	0.310	MIN

SUMMARY FOR THE YEAR 1986

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 0.588
MAXIMUM DAILY, 7.44 ON MAR 27
MINIMUM DAILY, 0.051 ON JUL 15
MAXIMUM INSTANTANEOUS,
7.68 AT 08:36 EST ON MAR 27

TYPE OF GAUGE - RECORDING
LOCATION - LAT 43 02 03 N
LONG 79 57 00 W
DRAINAGE AREA, 171 km²

B - ICE CONDITIONS

REGULATED

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	1 550	JUL	859
FEB	3 920	AUG	1 890
MAR	6 840	SEP	1 250
APR	3 810	OCT	2 050
MAY	2 420	NOV	4 630
JUN	839	DEC	1 840

TOTAL DISCHARGE, 31 800 dam³

MCVICAR CREEK AT THUNDER BAY - STATION NO. 02AB019

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1986

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	0.007B	0.001B	0.001B	0.084B	0.263	0.248	0.032	0.028	0.853	0.247	0.278	0.3228	1
2	0.006B	0.001B	0.001B	0.134B	0.271	0.213	0.026	0.209	1.10	0.235	0.380	0.2838	2
3	0.008B	0.001B	0.001B	0.250B	0.285	0.182	0.025	0.084	0.778	0.232	0.282	0.2608	3
4	0.005B	0.001B	0.001B	1.50 B	0.282	0.154	0.022	0.185	0.492	0.251	0.280	0.2218	4
5	0.004B	0.001B	0.001B	1.30 B	0.296	0.139	0.020	0.363	0.312	0.280	0.287	0.1888	5
6	0.003B	0.001B	0.001B	1.10 B	0.291	0.148	0.020	0.303	0.264	0.264	0.301	0.1728	6
7	0.003B	0.001B	0.001B	1.05 B	0.281	0.101	0.036	0.269	0.214	0.219	0.288	0.1628	7
8	0.002B	0.001B	0.001B	0.925B	0.261	0.093	0.029	0.181	0.194	0.219	0.285	0.1378	8
9	0.002B	0.001B	0.001B	0.870B	0.896	0.084	0.021	0.141	0.171	0.223	0.318	0.1258	9
10	0.001B	0.001B	0.001B	0.845B	1.18	0.072	0.018	0.094	0.144	0.212	0.384	0.1208	10
11	0.001B	0.001B	0.001B	0.830B	0.925	0.068	0.018	0.088	0.130	0.187	0.368	0.1148	11
12	0.001B	0.001B	0.001B	0.825B	0.745	0.052	0.017	0.052	0.122	0.184	0.428	0.1118	12
13	0.001B	0.001B	0.001B	0.822B	0.639	0.060	0.088	0.159	0.118	0.180	0.584	0.1078	13
14	0.001B	0.001B	0.001B	0.700B	0.712	0.078	0.024	1.57	0.107	0.175	0.480	0.1088	14
15	0.001B	0.001B	0.001B	0.568	0.617	0.080	0.063	0.908	0.104	0.166	0.520	0.1038	15
16	0.001B	0.001B	0.001B	0.438	0.618	0.078	0.028	0.557	0.113	0.261	2.44	0.1028	16
17	0.001B	0.001B	0.001B	0.445	0.494	0.060	0.024	0.948	0.182	0.388	2.96	0.1018	17
18	0.001B	0.001B	0.001B	0.492	0.411	0.055	0.023	0.589	0.141	0.354	1.77	0.1008	18
19	0.001B	0.001B	0.001B	0.344	0.327	0.064	0.071	0.320	0.840	0.338	1.24	0.0998	19
20	0.001B	0.001B	0.001B	0.248	0.298	0.048	0.080	0.221	1.13	0.285	1.28	0.0998	20
21	0.001B	0.001B	0.001B	0.217	0.288	0.067	0.054	0.183	0.782	0.248	0.970	0.0998	21
22	0.001B	0.001B	0.001B	0.210	0.292	0.078	0.047	0.220	0.533	0.238	0.854	0.0998	22
23	0.001B	0.001B	0.001B	0.202	0.324	0.042	0.050	1.57	0.443	0.432	0.748	0.0998	23
24	0.001B	0.001B	0.002B	0.203	0.271	0.108	0.048	1.36	0.348	0.778	0.851	0.0998	24
25	0.001B	0.001B	0.007B	0.235	0.233	0.097	0.038	0.831	0.270	0.840	0.874	0.0998	25
26	0.001B	0.001B	0.013B	0.243	0.244	0.080	0.034	0.588	0.310	0.488	0.857	0.0998	26
27	0.001B	0.001B	0.020B	0.238	0.373	0.051	0.020	0.834	0.348	0.488	0.588B	0.0988	27
28	0.001B	0.001B	0.026B	0.238	0.540	0.061	0.018	0.529	0.328	0.563	0.488B	0.0968	28
29	0.001B	0.001B	0.032B	0.234	0.433	0.039	0.112	0.383	0.301	0.491	0.428B	0.0968	29
30	0.001B		0.042B	0.241	0.356	0.032	0.042	0.280	0.288	0.620	0.378B	0.0988	30
31	0.001B		0.058B		0.278		0.031	0.243		0.300		0.0988	31
TOTAL	0.080	0.028	0.222	18.037	13.704	2.726	1.152	14.268	11.300	10.147	21.834	4.104	TOTAL
MEAN	0.003	0.001	0.007	0.535	0.442	0.091	0.037	0.480	0.377	0.327	0.721	0.132	MEAN
MAX	0.007	0.001	0.058	1.50	1.18	0.248	0.112	1.57	1.13	0.778	2.96	0.322	MAX
MIN	0.001	0.001	0.001	0.084	0.233	0.032	0.018	0.026	0.104	0.166	0.282	0.098	MIN

SUMMARY FOR THE YEAR 1986

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 0.261
MAXIMUM DAILY, 2.96 ON NOV 17
MINIMUM DAILY, 0.001B ON JAN 10
MAXIMUM INSTANTANEOUS,
4.00 AT 01:30 EST ON AUG 14

TYPE OF GAUGE - RECORDING
LOCATION - LAT 48 26 56 N
LONG 89 13 09 W
DRAINAGE AREA, 48.4 km²

B - ICE CONDITIONS

NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	5.18	JUL	99.5
FEB	2.51	AUG 1	230
MAR	19.2	SEP	978
APR 1	390	OCT	877
MAY 1	180	NOV 1	870
JUN	238	DEC	355

TOTAL DISCHARGE, 6 240 dam³

MEDWAY RIVER AT LONDON - STATION NO. 02GD004

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1988

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	1.50 B	8.008	1.678	2.94	0.714	0.408	0.115	0.381	0.027	0.110	1.39	1.67	1
2	1.20 B	4.88	1.528	2.44	0.670	0.368	0.035	0.312	0.089	0.358	1.28	1.72	2
3	0.9208	2.44	1.388	3.75	0.633	0.382	0.028	0.335	0.230	0.189	1.18	1.71	3
4	0.7208	2.058	1.308	11.6	0.606	0.278	0.034	0.240	1.58	0.181	1.10	1.84	4
5	0.5808	1.708	1.238	7.72	0.545	0.285	0.108	0.414	0.388	0.148	1.78	1.77	5
6	0.5008	1.508	2.308	4.70	0.584	0.321	0.071	0.257	0.434	0.181	4.83	1.84	6
7	0.4608	1.308	3.308	3.78	0.488	0.252	0.047	0.173	0.488	0.155	4.27	1.62	7
8	0.4108	1.258	8.90	3.10	0.485	0.229	0.058	0.271	0.332	0.147	3.69	1.38	8
9	0.3808	1.208	15.1	2.44	0.728	0.235	0.088	0.268	0.251	0.152	4.38	1.20	9
10	0.3708	1.158	12.1	1.96	0.880	0.208	0.020	0.817	0.192	0.408	5.47	1.12 B	10
11	0.3608	1.138	7.48	1.87	0.806	0.157	0.075	0.272	0.176	0.723	6.15	1.08 B	11
12	0.3548	1.088	8.44	1.41	0.522	0.149	0.089	0.208	0.188	8.00 A	5.14	1.08 B	12
13	0.3438	1.088	5.22	1.23	0.520	0.167	0.088	0.188	0.188	5.48	8.61	1.04 B	13
14	0.3388	1.058	4.30	1.31	0.423	0.173	0.044	0.138	0.148	3.78	15.7	1.12 B	14
15	0.3308	1.508	3.33	1.23	0.889	0.178	0.048	0.838	0.133	2.32	6.67	1.08 B	15
16	0.3258	1.908	2.78	1.18	1.28	0.181	0.873	0.228	0.128	1.82	5.17	1.04 B	16
17	1.20 B	2.058	2.42	1.11	1.83	0.162	1.18	0.187	0.180	1.43	3.84	1.02 B	17
18	3.80 B	1.988	2.70	1.28	1.02	0.117	0.268	0.217	0.154	3.88	3.12	1.00 B	18
19	3.80 B	1.888	2.78	1.21	1.09	0.072	0.278	0.268	0.152	5.54	2.81	0.9808	19
20	3.10 B	1.738	2.64	1.15	0.981	0.130	0.278	0.193	0.170	4.81	3.85	1.10 B	20
21	3.40 B	1.628	2.008	1.14	1.82	0.189	0.247	0.076	0.138	3.83	14.8	4.10 B	21
22	2.50 B	2.408	1.808	1.07	2.97	0.190	0.208	0.180	0.178	3.80	13.7	3.08	22
23	1.80 B	2.988	1.85	1.05	1.88	0.144	0.282	0.477	0.428	3.88	7.18	3.87	23
24	1.10 B	3.208	8.88	1.11	1.37	0.172	0.298	0.488	0.200	3.28	4.64	8.19	24
25	0.8808	2.858	13.0	1.02	1.03	0.121	0.188	0.241	0.187	3.80	3.48	3.82	25
26	0.7808	2.528	21.1	0.927	0.845	0.084	0.214	0.184	0.144	4.12	2.82	2.88	26
27	0.7408	2.308	12.8	0.875	0.898	0.072	0.371	0.097	0.128	3.83	2.81	3.83	27
28	0.7308	2.008	8.28	0.878	0.548	0.135	0.341	0.128	0.113	2.84	2.31	16.2	28
29	0.7208	1.878	5.62	0.809	0.506	0.130	0.238	0.227	0.120	2.28	2.05	10.3	29
30	1.15 B		4.88	0.788	0.495	0.081	0.248	0.102	0.108	1.85	1.83	4.85 B	30
31	3.08 B		3.71		0.400		0.181	0.038		1.83		3.12	31
TOTAL	37.660	82.75	189.31	86.625	27.927	5.778	6.337	8.173	7.283	71.332	149.76	88.180	TOTAL
MEAN	1.21	2.16	5.46	3.23	0.901	0.193	0.204	0.264	0.242	2.30	4.88	2.84	MEAN
MAX	3.80	8.00	21.1	11.6	2.97	0.408	1.18	0.817	1.58	8.88	15.7	18.2	MAX
MIN	0.325	1.05	1.23	0.788	0.400	0.084	0.020	0.038	0.027	0.110	1.10	0.880	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 1.82
MAXIMUM DAILY, 21.1 ON MAR 26
MINIMUM DAILY, 0.020 ON JUL 10
MAXIMUM INSTANTANEOUS,
25.4 AT 05:21 EST ON MAR 26

SUMMARY FOR THE YEAR 1988

TYPE OF GAUGE - RECORDING
LOCATION - LAT 43 00 50 N
LONG 81 15 39 W
DRAINAGE AREA, 200 km²
A - MANUAL GAUGE
B - ICE CONDITIONS

REGULATED SINCE 1970

MONTHLY TOTAL DISCHARGE
IN CUBIC DECAMETRES

JAN	3 250	JUL	548
FEB	5 420	AUG	768
MAR	14 600	SEP	527
APR	5 770	OCT	6 160
MAY	2 410	NOV	12 800
JUN	488	DEC	7 830

TOTAL DISCHARGE, 60 800 dam³

MICHIPICOTEN RIVER AT HIGH FALLS - STATION NO. 02BD002

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1988

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	35.1	44.4	84.0	48.5	42.0	78.9	21.5	30.6	48.1	38.9	41.9	51.0	1
2	27.6	65.2	84.6	32.6	52.7	76.4	20.8	37.8	46.2	40.9	37.4	60.5	2
3	30.6	69.2	48.1	19.4	64.6	75.7	27.0	86.6	44.0	31.6	37.6	74.9	3
4	62.7	66.3	58.1	26.7	68.9	68.6	36.0	48.4	36.6	38.1	38.6	86.5	4
5	66.9	62.0	40.6	37.6	64.6	42.0	86.4	49.4	32.8	48.1	41.6	85.4	5
6	72.6	63.3	29.9	73.7	72.0	57.4	52.0	35.0	44.3	47.4	44.2	87.3	6
7	74.0	48.7	37.3	71.7	64.3	78.6	46.6	28.6	57.6	47.8	60.8	84.6	7
8	71.6	66.3	46.0	73.7	30.7	77.4	44.1	32.1	48.6	48.8	66.8	76.6	8
9	36.7	61.6	36.2	76.4	49.1	72.0	44.9	38.6	39.8	34.4	63.6	76.6	9
10	39.2	66.2	43.7	76.6	66.1	74.6	28.0	42.6	46.2	28.6	61.3	76.3	10
11	44.3	63.6	66.4	76.6	74.6	63.1	36.6	61.1	31.6	36.4	41.6	76.3	11
12	62.1	66.3	64.2	76.6	76.6	46.6	64.4	61.6	37.1	46.6	37.4	76.3	12
13	76.7	66.1	46.7	76.6	77.0	66.0	64.3	47.1	48.1	46.6	33.6	83.6	13
14	73.6	61.6	36.6	76.3	74.3	73.6	62.6	43.7	47.6	46.0	36.6	86.2	14
15	61.0	62.0	36.0	76.4	61.7	72.6	66.3	46.6	44.6	42.2	40.6	86.2	15
16	43.3	66.0	47.3	66.7	63.6	66.6	60.7	44.3	46.6	37.4	47.6	87.6	16
17	21.0	62.2	42.3	66.2	70.0	66.4	61.1	49.2	30.6	36.2	47.2	86.1	17
18	32.1	34.2	42.0	67.6	64.7	47.1	47.4	34.6	33.2	36.7	63.2	86.0	18
19	47.1	40.7	46.6	73.0	74.6	49.1	66.6	40.6	36.3	61.4	36.1	86.0	19
20	32.6	46.6	40.3	66.6	70.2	61.2	66.6	43.6	41.7	46.4	36.1	86.0	20
21	36.3	64.0	46.6	66.0	66.6	71.6	47.6	36.7	66.7	67.6	36.0	87.6	21
22	63.6	36.0	67.6	60.6	44.6	66.1	60.3	32.3	62.0	42.7	36.6	86.1	22
23	36.6	32.6	63.2	61.6	43.6	66.4	37.2	24.6	67.6	34.7	40.4	87.6	23
24	32.2	63.3	31.7	46.7	66.0	66.6	26.4	16.7	60.6	42.3	36.3	87.6	24
25	62.0	46.3	43.3	46.7	66.0	63.2	34.2	27.6	66.2	60.6	26.6	86.3	25
26	76.3	62.1	32.3	62.0	66.2	46.4	46.6	26.4	67.3	64.6	26.0	86.2	26
27	76.6	30.6	36.6	67.1	66.1	66.3	66.6	26.4	70.6	67.6	40.6	63.6	27
28	76.1	32.6	36.1	36.7	63.3	73.6	44.6	26.6	66.6	61.4	47.0	76.4	28
29	61.6	26.2	64.2	43.4	62.2	72.3	64.2	26.2	66.6	64.2	66.2	74.6	29
30	47.6		47.1	33.6	46.3	74.3	63.3	46.6	63.3	62.4	40.7	76.4	30
31	30.1		36.4		64.6		36.6	49.7		66.1		76.2	31
TOTAL	1 613.4	1 486.6	1 426.6	1 667.1	1 863.7	1 871.2	1 376.0	1 206.0	1 474.0	1 408.4	1 286.6	2 416.6	TOTAL
MEAN	52.0	61.6	46.1	66.6	60.6	66.7	44.4	36.6	49.1	46.6	41.6	78.0	MEAN
MAX	61.6	66.2	67.6	76.6	77.0	77.6	66.3	66.6	70.6	67.6	66.2	66.3	MAX
MIN	21.0	26.2	26.6	19.4	30.7	42.0	20.6	16.7	30.6	26.6	26.0	61.0	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 63.6
MAXIMUM DAILY, 66.3 ON DEC 26
MINIMUM DAILY, 16.7 ON AUG 24

DATA CONTRIBUTED BY -
GREAT LAKES POWER COMPANY LIMITED

REMARKS - RECORDS PRIOR TO JAN 01 1980 PUBLISHED AS "MICHIPICOTEN RIVER BELOW SCOTT FALLS"

SUMMARY FOR THE YEAR 1988

TYPE OF GAUGE - POWER PLANT
LOCATION - LAT 47 54 05 N
LONG 84 42 35 W
DRAINAGE AREA, 5 130 km²

REGULATED SINCE 1928

MONTHLY TOTAL DISCHARGE
IN CUBIC DECAMETRES

JAN	139 000	JUL	119 000
FEB	129 000	AUG	104 000
MAR	133 000	SEP	127 000
APR	147 000	OCT	133 000
MAY	163 000	NOV	106 000
JUN	170 000	DEC	208 000

TOTAL DISCHARGE, 1 660 000 dam³

MIDDLE MAITLAND RIVER ABOVE ETHEL - STATION NO. 02FE013

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1988

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	4.00 B	37.9	2.168	13.5	2.86	0.598	0.078	0.215	0.031	0.231	3.88	5.58	1
2	3.00 B	24.0	2.028	11.1	2.47	0.549	0.075	0.182	0.030	0.412	3.26	5.47	2
3	2.30 B	12.9	1.888	15.5	1.93	0.486	0.070	0.137	0.118	1.20	2.80	4.99	3
4	1.80 B	8.85	1.788	22.9	1.66	0.427	0.061	0.123	1.06	0.934	2.31	4.51	4
5	1.40 B	5.808	1.708	17.1	1.49	0.386	0.056	0.109	1.22	0.718	2.60	4.11	5
6	1.22 B	4.008	1.828	12.3	1.36	0.362	0.090	0.092	0.646	0.631	6.28	3.78	6
7	1.15 B	3.008	1.658	8.94	1.21	0.339	0.061	0.119	0.420	0.388	7.98	3.48	7
8	1.10 B	2.508	3.108	6.83	1.09	0.333	0.078	0.078	0.224	0.320	8.98	3.02	8
9	1.05 B	2.408	5.008	5.67	1.12	0.384	0.080	0.088	0.180	0.297	11.8	2.358	9
10	1.03 B	2.208	25.0 B	4.73	1.88	0.318	0.083	0.088	0.123	0.336	20.9	1.878	10
11	0.9808	2.108	24.0 B	4.11	1.43	0.327	0.087	0.083	0.086	4.81	32.9	1.708	11
12	0.9208	2.008	36.7	3.34	1.20	0.318	0.074	0.077	0.088	8.34	18.3	1.588	12
13	0.8808	1.858	28.7	3.18	1.12	0.286	0.068	0.083	0.097	4.34	18.3	1.518	13
14	0.8608	1.908	18.7	3.01	1.08	0.223	0.037	0.088	0.088	2.70	27.3	1.83	14
15	0.8408	3.208	13.7	2.84	1.04	0.178	0.043	0.081	0.089	1.72	15.8	1.73	15
16	0.9208	4.208	8.40	2.60	1.81	0.165	0.118	0.082	0.077	1.23	10.8	1.44	16
17	1.10 B	6.608	7.538	2.35	1.81	0.165	0.269	0.064	0.384	0.884	11.0	1.36	17
18	3.12 B	8.708	7.538	2.83	1.31	0.158	0.102	0.028	0.384	2.83	8.48	1.358	18
19	8.00 B	8.008	8.808	2.87	1.20	0.130	0.084	0.052	0.295	6.17	8.43	1.27	19
20	10.0 B	4.308	5.838	2.44	1.40	0.138	0.071	0.039	0.218	3.37	6.94	2.42	20
21	26.5 B	3.808	4.908	3.80	14.3	0.123	0.038	0.029	0.208	2.13	15.9	15.1	21
22	19.0	3.208	4.208	3.38	8.90	0.114	0.043	0.014	0.194	1.85	15.0	10.2	22
23	12.0	3.308	7.208	3.27	5.68	0.117	0.072	0.048	0.280	1.70	10.2	8.47	23
24	8.38	3.408	37.9	4.58	3.74	0.128	0.073	0.023	0.807	2.06	7.72	11.8	24
25	6.83	3.488	56.2	3.91	2.51	0.131	0.077	0.014	0.447	6.82	6.08	7.75	25
26	5.51	3.408	72.3	3.35	1.73	0.081	0.080	0.083	0.323	13.8	5.22	5.24	26
27	3.50 B	3.008	68.1	2.86	1.35	0.068	0.085	0.072	0.250	18.7	5.42	5.75	27
28	2.50 B	2.628	30.5	2.68	1.09	0.090	0.088	0.064	0.235	14.4	5.67	28.2	28
29	1.60 B	2.388	22.8	2.71	0.934	0.080	0.085	0.068	0.238	10.8	5.27	21.7	29
30	1.80 B		24.9	3.26	0.831	0.085	0.182	0.070	0.203	8.56	4.98	12.1 B	30
31	17.0 B		18.1		0.888		0.828	0.037		4.70		8.628	31
TOTAL	180.110	188.09	563.62	181.83	73.224	7.215	2.805	2.319	9.068	123.332	307.09	190.20	TOTAL
MEAN	4.84	6.83	18.2	6.06	2.36	0.241	0.090	0.075	0.302	3.98	10.2	6.14	MEAN
MAX	26.5	37.9	72.3	22.9	14.3	0.598	0.428	0.215	1.22	18.7	32.9	28.2	MAX
MIN	0.840	1.90	1.66	2.35	0.888	0.080	0.037	0.014	0.030	0.231	2.31	1.27	MIN

SUMMARY FOR THE YEAR 1988

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 4.66
MAXIMUM DAILY, 72.3 ON MAR 26
MINIMUM DAILY, 0.014 ON AUG 22
MAXIMUM INSTANTANEOUS,
76.8 AT 20:07 EST ON MAR 26

TYPE OF GAUGE - RECORDING
LOCATION - LAT 43 43 05 N
LONG 81 07 28 W
DRAINAGE AREA, 418 km²

B - ICE CONDITIONS

NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	13 000	JUL	242
FEB	14 800	AUG	200
MAR	48 700	SEP	783
APR	15 700	OCT	10 700
MAY	5 330	NOV	26 800
JUN	823	DEC	16 400

TOTAL DISCHARGE, 154 000 dam³

MIDDLE MAITLAND RIVER NEAR BELGRAVE - STATION NO. 02FE006

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1988

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	8.18	55.0 B	3.438	22.3	4.53	1.18	0.333	0.246	0.183	0.448	7.95	9.33	1
2	5.408	43.0	3.128	18.2	3.94	1.10	0.218	0.345	0.144	0.614	8.64	9.32	2
3	3.598	21.4	2.888	19.8	3.38	0.894	0.307	0.251	0.207	1.30	8.48	8.41	3
4	2.618	13.8 B	2.618	32.2	2.88	0.810	0.184	0.218	0.428	2.25	6.74	7.80	4
5	2.188	9.058	2.658	26.7	2.62	0.848	0.188	0.214	2.37	1.70	4.98	8.74	5
6	1.908	5.308	2.508	19.2	2.45	0.765	0.182	0.288	1.70	1.33	10.9	8.00	6
7	1.818	4.688	2.428	15.0	2.18	0.722	0.178	0.257	1.14	1.18	14.1	6.84	7
8	1.728	3.908	5.088	12.2	1.95	0.676	0.175	0.219	0.724	0.881	11.3	5.08	8
9	1.658	3.748	13.3	10.1	2.02	0.655	0.166	0.240	0.467	0.772	15.5	4.32	9
10	1.618	3.438	84.2	8.64	2.40	0.638	0.171	0.340	0.337	0.841	31.6	3.388	10
11	1.508	3.388	74.1	7.23	2.81	0.617	0.178	0.263	0.293	6.28	89.5	3.218	11
12	1.438	3.128	44.5	6.11	2.18	0.586	0.168	0.278	0.274	13.5	39.4	3.058	12
13	1.398	3.048	38.9	5.28	1.98	0.647	0.163	0.263	0.270	11.7	34.2	2.718	13
14	1.348	2.988	26.6	5.16	1.87	0.506	0.143	0.281	0.230	7.16	48.3	2.858	14
15	1.318	4.998	21.5	5.10	1.77	0.480	0.149	0.268	0.223	4.82	32.3	2.888	15
16	1.438	6.558	15.8	4.59	3.02	0.457	0.173	0.255	0.219	3.42	19.1	2.248	16
17	1.728	10.3 B	13.1	4.23	3.06	0.381	0.158	0.247	0.324	2.70	17.4	2.178	17
18	4.878	8.888	12.4	4.59	1.69	0.354	0.131	0.246	0.842	3.43	14.8	2.118	18
19	12.5 B	7.808	12.0	4.84	2.22	0.336	0.116	0.231	0.827	4.57	11.2	2.018	19
20	15.6 B	6.718	10.7	4.48	2.13	0.320	0.122	0.226	0.881	7.74	9.70	4.508	20
21	41.3 B	5.838	9.08	5.23	11.2	0.286	0.130	0.218	0.550	4.82	16.7	23.0 B	21
22	29.8 B	4.898	7.84	5.78	15.0	0.280	0.137	0.201	0.482	4.03	23.8	18.7 B	22
23	18.7 B	5.158	9.21	5.46	9.55	0.282	0.280	0.187	0.598	3.98	16.1	14.8	23
24	13.1 B	5.308	55.4	7.40	6.03	0.289	0.184	0.207	1.22	4.78	12.6	19.3	24
25	10.3 B	5.448	81.4	5.81	4.24	0.243	0.175	0.227	1.18	15.9	9.98	14.6	25
26	8.608	5.308	115	5.84	2.86	0.227	0.162	0.218	0.894	26.8	8.30	8.328	26
27	6.488	4.648	107	5.03	2.28	0.237	0.162	0.213	0.886	41.1	7.94	8.89	27
28	3.808	4.068	67.8	4.58	2.12	0.237	0.148	0.187	0.574	38.1	8.62	32.0	28
29	2.608	3.748	37.8	4.36	1.78	0.233	0.186	0.173	0.483	28.7	8.35	38.6 B	29
30	2.618		40.1	4.68	1.53	0.220	0.345	0.169	0.443	15.4	7.77	21.5 B	30
31	26.5 B		31.4		1.36		0.237	0.184		10.5		14.3 B	31
TOTAL	237.72	288.63	935.80	280.72	108.83	18.671	8.510	7.384	18.881	272.748	520.23	307.26	TOTAL
MEAN	7.67	9.19	30.2	9.69	3.51	0.519	0.178	0.238	0.629	8.80	17.3	9.91	MEAN
MAX	41.3	55.0	115	32.2	15.0	1.18	0.345	0.345	2.37	41.1	89.5	38.6	MAX
MIN	1.31	2.98	2.42	4.23	1.34	0.220	0.116	0.184	0.144	0.448	4.74	2.01	MIN

SUMMARY FOR THE YEAR 1988

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 8.18
MAXIMUM DAILY, 115 ON MAR 26
MINIMUM DAILY, 0.116 ON JUL 18
MAXIMUM INSTANTANEOUS,
122 AT 00:24 EST ON MAR 27

TYPE OF GAUGE - RECORDING
LOCATION - LAT 43 48 48 N
LONG 81 15 25 W
DRAINAGE AREA, 848 km²

B - ICE CONDITIONS

NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	20 500	JUL	478
FEB	23 000	AUG	838
MAR	80 800	SEP	1 830
APR	25 100	OCT	23 800
MAY	9 400	NOV	44 800
JUN	1 350	DEC	28 800

TOTAL DISCHARGE, 258 000 dam³

MIDDLE MAITLAND RIVER NEAR LISTOWEL - STATION NO. 02FE003

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1988

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	8.830	8.92	0.326	2.08	0.523	0.123	0.010	0.030	0.015E	0.020E	0.456	0.810	1
2	6.464	2.39	0.336	1.77	0.438	0.104	0.013	0.013	0.017E	0.200E	0.383	0.794	2
3	6.411	1.85	0.326	3.27	0.378	0.046	0.012	0.013	0.019E	0.170E	0.309	0.743	3
4	5.339	1.05	0.287	3.88	0.338	0.080	0.027	0.013	0.200E	0.150E	0.291	0.689	4
5	5.237	0.8788	0.256	2.81	0.294	0.073	0.024	0.042	0.260E	0.120E	0.412	0.830	5
6	5.201	0.8318	0.247	1.99	0.268	0.071	0.023	0.035	0.210E	0.090E	0.908	0.554	6
7	6.194	0.8008	0.342	1.61	0.218	0.078	0.018	0.018	0.150E	0.060E	0.871	0.532	7
8	6.195	0.720	0.503	1.19	0.187	0.075	0.011	0.018	0.080E	0.050E	1.10 E	0.486	8
9	6.193	0.584	3.26	0.818	0.310	0.078	0.008	0.020	0.040E	0.020E	1.85 E	0.430E	9
10	6.184	0.617	4.84	0.787	0.422	0.070	0.007	0.030	0.025E	0.200E	5.75 E	0.349	10
11	6.188	0.440	4.47	0.905	0.326	0.060E	0.022	0.034	0.018E	0.700E	4.18	0.312	11
12	6.183	0.3688	3.58	0.543	0.245	0.080E	0.017	0.020	0.017E	1.20 E	2.16	0.220	12
13	6.183	0.3608	2.31	0.528	0.242	0.050E	0.018	0.017	0.017E	0.315	3.83	0.218	13
14	6.135	0.2988	1.37 B	0.529	0.195	0.040E	0.018	0.081	0.017E	0.186	3.52	0.237	14
15	6.118	0.513	1.06 B	0.530	0.282	0.030E	0.009	0.040	0.017E	0.133	1.94	0.228	15
16	6.118	1.04	0.8348	0.457	0.475	0.030E	0.235	0.034	0.018E	0.086	1.50 E	0.180	16
17	6.233	1.08	0.803	0.431	0.347	0.030E	0.031	0.027	0.314E	0.081	1.83	0.178	17
18	1.82	0.862	1.04	0.590	0.258	0.030E	0.006	0.028	0.040E	0.818	1.23	0.183	18
19	1.85	0.740	0.824	0.487	0.214	0.020E	0.007	0.026	0.041E	0.694	0.930	0.184	19
20	2.80	0.5888	0.8318	0.515	1.84	0.030E	0.004	0.022	0.074E	0.385	0.942E	0.680E	20
21	3.59	0.5288	0.5888	0.772	2.95	0.020E	0.004	0.020	0.041E	0.267	2.58	2.83	21
22	1.32	0.4578	0.519	0.821	1.73	0.020E	0.011	0.044	0.038A	0.234	1.85	1.35 E	22
23	0.960	0.530	4.07	0.734	1.04	0.020E	0.020	0.033	0.138E	0.209	1.34	1.45 E	23
24	0.871	0.576	14.5	0.932	0.708	0.020E	0.012	0.032	0.080E	0.283	1.08	1.85	24
25	0.842	0.541	13.7	0.744	0.488	0.030E	0.012	0.022E	0.070E	1.30 E	0.881	1.09	25
26	0.450	0.494	11.6	0.654	0.377	0.010E	0.010	0.018E	0.050E	2.80 *	0.738	0.808	26
27	0.352	0.486	5.25	0.597	0.284	0.010E	0.008	0.018E	0.040E	1.57 E	0.810	0.850E	27
28	0.293	0.424	3.12	0.593	0.223	0.020E	0.007E	0.017E	0.038E	1.15 E	0.803	4.44	28
29	0.235	0.387	3.49	0.612	0.185	0.020A	0.007E	0.016E	0.036E	1.12	0.605	2.27	29
30	0.908		4.12	0.812	0.160	0.021	0.290E	0.015E	0.035E	0.821	0.780	1.85 B	30
31	6.18		2.70		0.138		0.033	0.015E		0.588		1.15	31
TOTAL	25.621	28.036	82.529	31.962	15.876	1.410	5.918	0.792	2.163	15.599	45.780	28.067	TOTAL
MEAN	0.823	1.00	2.88	1.07	0.512	0.047	0.030	0.026	0.072	0.503	1.53	0.905	MEAN
MAX	6.18	8.92	14.5	3.88	2.95	0.123	0.280	0.061	0.314	2.80	5.75	4.44	MAX
MIN	0.118	0.288	0.247	0.431	0.138	0.010	0.004	0.013	0.015	0.020	0.291	0.183	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 0.781
MAXIMUM DAILY, 14.5 ON MAR 24
MINIMUM DAILY, 0.004 ON JUL 20
MAXIMUM INSTANTANEOUS,
23.7 AT 01:05 EST ON MAR 24

SUMMARY FOR THE YEAR 1988

TYPE OF GAUGE - RECORDING
LOCATION - LAT 43 43 38 N
LONG 80 58 20 W
DRAINAGE AREA, 77.7 km²
A - MANUAL GAUGE
B - ICE CONDITIONS
E - ESTIMATED
REGULATED

MONTHLY TOTAL DISCHARGE
IN CUBIC DECAMETRES

JAN	2 210	JUL	78.3
FEB	2 510	AUG	88.4
MAR	7 980	SEP	187
APR	2 760	OCT	1 350
MAY	1 370	NOV	3 980
JUN	123	DEC	2 420

TOTAL DISCHARGE, 25 000 dam³

MIDDLE SEVERN RIVER AT WASHAGO - STATION NO. 02EC013

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1988

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	20.9 E	10.6	22.9	2.42	1.88E	2.15	1.19E	1.45 E	1.10	0.580E	0.783E	1.88	1
2	9.68E	10.4	22.9	2.45	2.02	1.88	1.29E	1.46	1.10	0.480E	0.771E	2.34	2
3	2.11E	11.1	22.8	2.47	1.85	1.89	1.42E	1.87	1.04 E	0.430	0.748E	2.34E	3
4	2.11	11.3	22.9	2.89	1.88	1.87E	1.84	1.88	1.05 E	0.430	0.728E	4.30E	4
5	2.02	11.1	22.8 E	2.82	1.81	1.84E	1.48	1.88	1.03 E	0.487	0.708E	5.89	5
6	5.98E	11.0E	22.7 E	2.73	1.74	1.82	1.55	1.83 E	1.01	0.345	0.884E	5.94	6
7	10.8	11.0E	10.8	2.75	1.78E	1.93	1.48	1.87 E	1.11	0.440	0.862E	5.89	7
8	10.8 E	10.9	2.26	2.49	1.78E	1.75	1.49	1.82	1.21	0.418E	0.841E	5.89	8
9	10.9 E	10.1	2.26	2.55E	1.80	1.76	1.53E	1.44	1.40	0.398E	0.819E	5.94	9
10	10.9 E	10.3	2.26	2.80E	1.97	1.87	1.57E	1.84	1.28 E	0.378E	0.587	5.89E	10
11	10.9	10.8	2.35	2.88	1.27	1.71E	1.81	1.85	1.15 E	0.355	0.908E	5.43E	11
12	10.9	21.6E	2.30E	2.89	1.75	1.78E	1.43	1.86	1.03	0.327E	0.818E	5.18	12
13	10.8	23.2E	2.42E	2.71	1.48	1.80	1.35	1.87 E	0.780	0.298E	0.828E	5.94	13
14	10.8	23.2E	2.45	2.73	1.48E	1.90	1.84	1.84 E	0.840	0.270	0.835	5.89	14
15	10.8	23.2	2.46	2.78	1.43E	1.91	1.88E	1.89	0.885	0.432E	0.445	5.31	15
16	10.8 E	23.2	2.48	2.88E	1.41	1.78E	1.52E	1.81	0.780	0.593E	0.835	4.88	16
17	10.8 E	23.2	2.47	2.85E	1.33	1.65	1.48E	1.82	0.783E	0.755	1.01	4.88E	17
18	10.8	23.1	2.38	2.45	1.82	1.78E	1.40	1.24	0.788E	0.690	0.350	4.88E	18
19	10.8	23.1	2.31E	2.38	1.82	1.88E	1.22	1.18 E	0.770	0.195	0.380E	4.88	19
20	10.8	23.1E	2.33E	2.80	1.83	1.98	1.24	1.12 E	1.24	0.280	0.350E	5.44	20
21	10.9	23.1E	2.18	2.23	1.92E	1.89	1.25	1.08 E	1.08	0.290	0.350E	5.18	21
22	10.8	23.1	2.08	2.16	1.90E	1.80	1.28E	1.00	0.885	0.357E	0.350E	4.83	22
23	10.8 E	23.1	2.02	2.12E	1.89E	1.82	1.27E	1.20	0.870	0.423E	0.350	4.83	23
24	10.8 E	23.1	1.95	2.06E	1.88	1.82	1.28E	1.21	0.847E	0.490	0.295	5.08E	24
25	10.8	23.1	1.97	2.04	1.81	1.74E	1.29	1.17 E	0.723E	0.585	0.255	5.23E	25
26	10.8	23.0	2.09	2.20	2.18	1.68E	1.39	1.12 E	0.800	0.215	0.255E	5.38E	26
27	10.8	23.0E	2.31	2.19	2.28	1.67	1.32	1.08 E	0.880	0.210	0.258E	5.54E	27
28	10.8	23.0E	2.43	2.12	2.30E	1.67	1.32	1.03 E	0.410	0.680	0.255	5.69	28
29	10.8	23.0	2.44	1.85	2.31E	1.68	1.42	0.885	0.515	0.858E	1.88	5.69	29
30	10.8 E		2.37	1.91E	2.32	1.03	1.43E	0.885	0.810	0.836E	2.82	5.89	30
31	10.8 E		2.40		2.14		1.44E	0.800		0.815E		5.69E	31
TOTAL	313.34	558.5	202.80	72.78	56.82	52.72	43.82	41.710	27.804	14.699	18.897	155.35	TOTAL
MEAN	10.1	18.2	6.54	2.43	1.83	1.78	1.41	1.35	0.930	0.471	0.833	5.04	MEAN
MAX	20.9	23.2	22.9	2.78	2.32	2.15	1.84	1.87	1.40	0.880	2.82	5.94	MAX
MIN	2.02	10.6	1.88	1.88	1.27	1.03	1.19	0.800	0.410	0.195	0.255	1.88	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 4.26
MAXIMUM DAILY, 23.2E ON FEB 13
MINIMUM DAILY, 0.195 ON OCT 19

SUMMARY FOR THE YEAR 1988

TYPE OF GAUGE - MANUAL
LOCATION - LAT 44 44 55 N
LONG 79 19 57 W

E - ESTIMATED
REGULATED

MONTHLY TOTAL DISCHARGE
IN CUBIC DECAMETRES

JAN	27 100	JUL	3 770
FEB	48 100	AUG	3 600
MAR	17 800	SEP	2 360
APR	6 290	OCT	1 280
MAY	4 810	NOV	1 640
JUN	4 880	DEC	13 600

TOTAL DISCHARGE, 135 000 dam³

MIDDLE THAMES RIVER AT THAMESFORD - STATION NO. 02GD004

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1988

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	2.17	11.8 B	1.858	4.65	1.75	0.847	0.242	0.605	0.251	0.321	1.20	2.17	1
2	1.56 B	6.24	1.728	4.29	1.80	0.881	0.222	0.803	0.246	0.431	1.18	1.98	2
3	1.40 B	3.008	2.708	8.71	1.50	0.790	0.223	0.446	0.295	0.511	1.11	1.92	3
4	1.16 B	2.508	2.058	14.2	1.40	0.783	0.239	0.377	1.04	0.427	1.08	1.88	4
5	1.08 B	2.308	1.858	9.72	1.33	0.708	0.221	0.361	0.883	0.389	1.72	1.80	5
6	1.02 B	2.108	3.008	8.38	1.28	0.852	0.187	0.420	0.846	0.381	4.53	1.65	6
7	0.980B	2.008	7.008	4.80	1.17	0.822	0.180	0.363	0.410	0.362	3.38	1.54	7
8	0.980B	1.858	18.7	3.80	1.15	0.582	0.167	0.310	0.348	0.384	4.74	1.38 B	8
9	0.940B	1.788	31.5	3.25	1.18	0.666	0.139	0.281	0.328	0.378	5.02	1.18 B	9
10	0.920B	1.688	23.4	2.88	1.47	0.826	0.184	0.901	0.331	0.807	4.09	1.02 B	10
11	0.900B	1.828	14.0	2.58	1.28	0.682	0.191	0.572	0.327	2.90	3.28	1.00 B	11
12	0.880B	1.588	11.1	2.28	1.18	0.473	0.218	0.423	0.312	2.84	4.17	1.05 B	12
13	0.871B	1.548	7.48	2.11	1.13	0.427	0.227	0.387	0.314	1.87	8.35	1.04 B	13
14	0.880B	1.508	5.28	2.20	1.08	0.405	0.231	0.325	0.328	1.18	12.3	1.10	14
15	0.840B	2.188	3.84	2.42	1.14	0.364	0.238	0.415	0.282	0.990	8.28	1.08	15
16	0.830B	3.008	3.30	2.16	2.08	0.372	0.389	0.432	0.278	0.873	4.39	0.976	16
17	1.00 B	2.808	2.86	2.03	2.28	0.360	0.816	0.348	0.333	0.835	3.93	0.984	17
18	4.00 B	2.608	2.76	2.41	1.87	0.370	0.578	0.304	0.371	3.62	3.22	0.952	18
19	3.30 B	2.408	2.628	2.19	1.44	0.337	0.383	0.273	0.345	3.57	2.75	0.952	19
20	2.80 B	2.258	2.488	2.01	2.90	0.323	0.328	0.260	0.341	2.82	4.00	1.58	20
21	2.00 B	2.158	2.008	2.30	4.84	0.322	0.304	0.259	0.324	2.10	14.0	3.15	21
22	2.20 B	2.108	1.908	2.10	4.89	0.302	0.299	0.247	0.336	2.08	8.53	2.00	22
23	1.80 B	3.508	4.37	2.17	3.41	0.286	0.525	0.268	0.472	1.90	5.09	3.95	23
24	1.30 B	3.908	17.6	2.28	2.50	0.307	0.525	0.323	0.484	2.03	4.06	4.37	24
25	1.22 B	2.808	14.9	1.96	1.91	0.304	0.509	0.347	0.384	2.66	3.41	3.88	25
26	1.18 B	2.458	25.8	1.82	1.80	0.275	0.437	0.306	0.341	2.36	2.95	2.14 B	26
27	1.14 B	2.258	18.1	1.74	1.39	0.261	0.372	0.274	0.332	1.86	2.89	3.12 B	27
28	1.12 B	2.008	10.0	1.78	1.23	0.260	0.510	0.260	0.311	1.75	2.70	20.1	28
29	1.10 B	1.808	8.67	1.78	1.10	0.257	0.398	0.264	0.301	1.70	2.43	13.0	29
30	2.00 B		8.63	1.86	1.01	0.252	0.403	0.278	0.312	1.49	2.30	5.91	30
31	7.70 B		8.17		0.917		0.859	0.288		1.28		4.08	31
TOTAL	81.731	78.61	285.80	103.06	53.987	13.708	10.742	11.512	11.594	46.820	136.94	91.454	TOTAL
MEAN	1.57	2.71	8.56	3.44	1.74	0.457	0.347	0.371	0.385	1.50	4.55	2.95	MEAN
MAX	7.70	11.8	31.5	14.2	4.89	0.881	0.859	0.901	1.04	3.62	14.0	20.1	MAX
MIN	0.830	1.50	1.86	1.74	0.917	0.252	0.139	0.247	0.246	0.321	1.08	0.952	MIN

SUMMARY FOR THE YEAR 1988

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 2.39
MAXIMUM DAILY, 31.5 ON MAR 9
MINIMUM DAILY, 0.139 ON JUL 8
MAXIMUM INSTANTANEOUS,
33.4 AT 08:35 EST ON MAR 9

TYPE OF GAUGE - RECORDING
LOCATION - LAT 43 03 32 N
LONG 80 59 15 W
DRAINAGE AREA, 308 km²

B - ICE CONDITIONS

REGULATED

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	6 470	JUL	926
FEB	6 790	AUG	995
MAR	22 900	SEP	1 000
APR	8 910	OCT	6 030
MAY	4 680	NOV	11 800
JUN	1 180	DEC	7 900

TOTAL DISCHARGE, 75 800 dam³

MILLHAVEN CREEK NEAR MILLHAVEN - STATION NO. 02HM005

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1988

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	2.46 B	3.508	2.408	8.67	0.844	0.382	0.173	0.120	0.078	0.234	0.777	1.71	1
2	2.31 B	2.808	2.338	8.30	0.892	0.446	0.185	0.107	0.083	0.332	1.08	1.81	2
3	2.08 B	1.808	2.258	8.54	0.782	0.388	0.113	0.102	0.077	0.381	1.07	1.38	3
4	1.81 B	1.508	2.188	8.41	0.431	0.383	0.124	0.101	0.088	0.363	0.951	1.24 B	4
5	1.67 B	1.358	2.108	7.33	0.371	0.258	0.140	0.093	0.097	0.539	0.930	1.17 B	5
6	1.45 B	1.328	2.058	6.41	0.383	0.370	0.123	0.129	0.082	0.416	1.05	1.08 B	6
7	1.35 B	1.298	2.008	5.86	0.579	0.289	0.128	0.087	0.078	0.348	1.18	1.05 B	7
8	1.24 B	1.288	2.208	5.56	0.326	0.296	0.132	0.085	0.072	0.316	1.37	1.02 B	8
9	1.13 B	1.238	2.608	5.48	0.258	0.316	0.132	0.085	0.069	0.277	1.57	0.978B	9
10	1.06 B	1.198	3.208	5.13	0.237	0.272	0.119	0.082	0.264	0.173	1.37	0.950B	10
11	1.04 B	1.188	4.008	4.31	0.272	0.202	0.116	0.078	0.281	0.108	1.18	0.908B	11
12	1.02 B	1.208	3.408	2.74	0.251	0.126	0.110	0.085	0.314	0.080	1.38	0.880B	12
13	1.10 B	1.188	2.908	1.80	0.198	0.129	0.095	0.085	0.305	0.070	1.15	0.834B	13
14	1.04 B	1.128	2.738	1.71	0.268	0.125	0.108	0.077	0.274	0.060	1.28	0.894B	14
15	0.980B	1.408	2.808	1.61	0.265	0.116	0.111	0.082	0.362	0.058	1.45	0.868B	15
16	0.970B	1.658	2.708	1.18	0.243	0.115	0.102	0.085	0.373	0.055	1.34	0.810B	16
17	1.02 B	1.858	2.758	0.930	0.417	0.135	0.151	0.088	0.353	0.066	0.951	0.762B	17
18	1.10 B	2.058	2.938	0.377	0.617	0.135	0.132	0.085	0.376	0.075	1.09	0.726B	18
19	1.25 B	2.208	2.788	0.907	0.484	0.127	0.126	0.077	0.362	0.091	1.30	0.690B	19
20	1.50 B	2.408	2.658	0.870	0.628	0.119	0.112	0.097	0.373	0.084	1.46	0.850B	20
21	2.70 B	2.808	2.388	1.08	0.516	0.123	0.119	0.095	0.298	0.088	2.19	0.978B	21
22	2.35 B	3.808	2.208	0.995	0.617	0.221	0.115	0.095	0.331	0.378	1.90	0.838B	22
23	2.00 B	3.008	2.08	0.877	0.557	0.118	0.110	0.090	0.414	0.810	1.81	0.880B	23
24	1.80 B	3.208	4.32	0.801	0.843	0.134	0.165	0.087	0.384	0.645	1.73	0.822B	24
25	1.80 B	3.138	8.14	0.788	0.781	0.168	0.110	0.083	0.373	0.674	1.80	0.822B	25
26	1.28 B	3.008	12.1	0.880	0.512	0.152	0.145	0.095	0.367	0.801	1.83	0.838B	26
27	1.14 B	2.768	11.3	0.818	0.295	0.152	0.121	0.080	0.387	0.701	1.40	0.928B	27
28	1.06 B	2.588	10.3	0.782	0.310	0.160	0.165	0.094	0.308	0.695	1.84	1.15 B	28
29	1.04 B	2.528	9.32	0.677	0.378	0.167	0.121	0.101	0.348	0.678	1.91	1.05 B	29
30	1.07 B		8.05	1.00	0.368	0.185	0.120	0.092	0.289	0.852	1.73	0.950B	30
31	2.10 B		7.46		0.324		0.121	0.102		0.906		0.888B	31
TOTAL	48.860	59.02	128.38	88.770	14.101	6.267	3.818	2.676	7.804	11.425	41.519	31.048	TOTAL
MEAN	1.47	2.04	4.14	2.96	0.455	0.208	0.126	0.093	0.260	0.369	1.38	1.00	MEAN
MAX	2.70	3.80	12.1	8.41	0.892	0.446	0.173	0.129	0.414	0.952	2.19	1.81	MAX
MIN	0.970	1.12	2.00	0.377	0.198	0.115	0.088	0.077	0.069	0.055	0.777	0.690	MIN

SUMMARY FOR THE YEAR 1988

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 1.20
MAXIMUM DAILY, 12.1 ON MAR 26
MINIMUM DAILY, 0.055 ON OCT 16
MAXIMUM INSTANTANEOUS,
13.8 AT 04:01 EST ON MAR 26

TYPE OF GAUGE - RECORDING
LOCATION - LAT 44 13 34 N
LONG 78 45 30 W
DRAINAGE AREA, 150 km²

B - ICE CONDITIONS

REGULATED

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	3 940	JUL	339
FEB	5 100	AUG	248
MAR	11 100	SEP	674
APR	7 670	OCT	987
MAY	1 220	NOV	3 590
JUN	541	DEC	2 580

TOTAL DISCHARGE, 38 100 dam³

MIMICO CREEK AT ISLINGTON - STATION NO. 02HC033

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1986

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	0.108	---	---	---	---	---	---	---	---	---	---	0.167	1
2	0.098	---	---	---	---	---	---	---	---	---	---	0.144	2
3	0.102	---	---	---	---	---	---	---	---	---	---	0.133	3
4	0.102	---	---	---	---	---	---	---	---	---	---	0.125E	4
5	0.100B	---	---	---	---	---	---	---	---	---	---	0.110E	5
6	0.098B	---	---	---	---	---	---	---	---	---	---	0.150E	6
7	0.113B	---	---	---	---	---	---	---	---	---	---	0.170E	7
8	0.108B	---	---	---	---	---	---	---	---	---	---	0.185	8
9	0.105B	---	---	---	---	---	---	---	---	---	---	0.148	9
10	0.100B	---	---	---	---	---	---	---	---	---	---	0.136B	10
11	0.110B	---	---	---	---	---	---	---	---	---	---	0.120B	11
12	0.120B	---	---	---	---	---	---	---	---	---	---	0.110B	12
13	0.113B	---	---	---	---	---	---	---	---	---	---	0.104B	13
14	0.108B	---	---	---	---	---	---	---	---	---	---	0.100B	14
15	0.103B	---	---	---	---	---	---	---	---	---	---	0.200B	15
16	0.200B	---	---	---	---	---	---	---	---	---	---	0.170B	16
17	0.343B	---	---	---	---	---	---	---	---	---	---	0.140B	17
18	1.84 E	---	---	---	---	---	---	---	---	---	---	0.130B	18
19	---	---	---	---	---	---	---	---	---	---	---	0.120B	19
20	---	---	---	---	---	---	---	---	---	---	---	0.182B	20
21	---	---	---	---	---	---	---	---	---	---	---	0.150B	21
22	---	---	---	---	---	---	---	---	---	---	---	0.130B	22
23	---	---	---	---	---	---	---	---	---	---	---	1.26 B	23
24	---	---	---	---	---	---	---	---	---	---	---	0.567	24
25	---	---	---	---	---	---	---	---	---	---	---	0.358	25
26	---	---	---	---	---	---	---	---	---	---	---	0.150	26
27	---	---	---	---	---	---	---	---	---	---	---	2.38	27
28	---	---	---	---	---	---	---	---	---	---	---	4.23	28
29	---	---	---	---	---	---	---	---	---	---	---	0.336	29
30	---		---	---	---	---	---	---	---	---	0.218E	0.224	30
31	---		---		---		---	---		---		0.138	31
TOTAL	---	---	---	---	---	---	---	---	---	---	---	13.745	TOTAL
MEAN	---	---	---	---	---	---	---	---	---	---	---	0.611	MEAN
MAX	---	---	---	---	---	---	---	---	---	---	---	4.23	MAX
MIN	---	---	---	---	---	---	---	---	---	---	---	0.100	MIN

SUMMARY FOR THE YEAR 1986

TYPE OF GAUGE - RECORDING
LOCATION - LAT 43 38 50 N
LONG 79 31 10 W
DRAINAGE AREA, 70.6 km²

B - ICE CONDITIONS
E - ESTIMATED
NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	---	JUL	---
FEB	---	AUG	---
MAR	---	SEP	---
APR	---	OCT	---
MAY	---	NOV	---
JUN	---	DEC	1 100

MISSINAIBI RIVER AT MATTICE - STATION NO. 04LJ001

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1986

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	31.68	15.08	11.68	16.08	470	148	92.2	18.4	78.8	98.2	83.5	182 B	1
2	30.68	15.78	11.68	19.48	502	140	79.1	21.7	89.8	83.0	81.2	186 B	2
3	29.88	15.48	11.48	21.08	514	139	69.8	26.3	85.4	86.3	86.5	187 B	3
4	28.58	15.18	11.28	23.28	505	123	61.8	40.3	82.4	82.4	97.0	180 B	4
5	27.89	15.08	11.18	26.08	477	118	55.4	53.5	80.8	78.4	87.78	143 B	5
6	26.78	14.88	11.08	34.08	432	108	50.4	62.8	58.2	70.2	73.38	131 B	6
7	26.08	14.78	11.18	44.08	386	101	45.7	116	56.4	65.3	107	121 B	7
8	25.38	14.48	11.28	62.08	342	93.6	41.6	124	58.5	61.0	171	114 B	8
9	24.78	14.28	11.38	80.08	316	86.7	38.0	111	53.1	57.5	189	107 B	9
10	23.78	14.08	11.48	130 B	342	81.3	34.8	91.6	49.8	56.7	201	102 B	10
11	23.08	13.88	11.48	155 B	388	76.8	33.0	77.0	46.6	59.2	195	97.08	11
12	22.48	13.78	11.48	210 B	387	73.1	30.6	64.2	44.7	65.4	188	92.08	12
13	21.98	13.68	11.38	300 B	403	70.0	29.8	56.3	42.4	74.9	177	86.08	13
14	21.48	13.58	11.28	380 B	537	68.1	29.4	50.1	41.5	78.5	165	83.08	14
15	20.98	13.38	11.28	365 B	661	65.5	28.6	126	41.1	77.8	158	78.58	15
16	20.48	13.28	11.18	350 B	628	62.8	28.1	205	40.9	74.4	179	75.58	16
17	20.18	13.18	11.18	335 B	462	60.5	28.5	221	39.7	72.0	283	72.08	17
18	19.88	13.08	11.18	312 B	390	60.8	27.8	188	38.5	68.8	351	68.58	18
19	19.58	12.88	11.18	292 B	331	61.8	27.3	148	36.8	67.1	340	66.58	19
20	19.18	12.78	11.18	283 B	287	65.8	26.8	119	37.7	65.3	314	63.08	20
21	18.78	12.68	11.18	281 B	254	67.0	24.7	98.8	45.4	62.7	285	61.08	21
22	18.48	12.58	11.28	280 B	228	64.1	23.6	81.6	54.8	59.8	257	58.58	22
23	18.18	12.48	11.38	281 B	207	59.3	22.1	71.0	80.8	57.3	238	56.08	23
24	17.88	12.38	11.48	284	188	55.3	20.8	63.1	70.1A	55.8	204	54.28	24
25	17.68	12.28	11.88	285	172	50.6	20.0	59.1	76.3E	54.6	185	52.58	25
26	17.38	12.08	12.68	316	156	110	20.0	61.8	82.0E	53.8	175	50.68	26
27	17.08	11.98	13.38	343	146	138	19.3	73.5	87.8A	54.7	188 B	48.58	27
28	16.88	11.88	14.08	363	143	131	19.1	84.5	88.5	56.8	170 B	46.08	28
29	16.88	11.78	14.98	368	145	123	19.2	93.2	102	60.1	180 B	46.28	29
30	16.48		15.88	427	152	107	19.6	92.3	102	63.2	180 B	45.18	30
31	16.28		16.88		194		19.5	85.0		63.5		44.28	31
TOTAL	673.5	391.4	389.2	6 692.8	10 469	2 704.8	1 087.1	2 817.3	1 802.0	2 095.5	5 447.1	2 788.0	TOTAL
MEAN	21.7	13.5	11.9	223	337	90.2	35.1	90.9	60.1	67.6	182	90.3	MEAN
MAX	31.6	15.9	16.6	427	661	148	92.2	221	102	98.2	361	182	MAX
MIN	16.2	11.7	11.0	16.0	143	55.3	19.1	18.4	38.9	53.5	67.0	44.2	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 102
MAXIMUM DAILY, 661 ON MAY 15
MINIMUM DAILY, 11.08 ON MAR 8
MAXIMUM INSTANTANEOUS,
585 AT 08 37 EST ON MAY 15

SUMMARY FOR THE YEAR 1986

TYPE OF GAUGE - RECORDING
LOCATION - LAT 49 37 00 N
LONG 83 15 46 W
DRAINAGE AREA, 8 940 km²
A - MANUAL GAUGE
B - ICE CONDITIONS
E - ESTIMATED
NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	58 200	JUL	93 900
FEB	33 800	AUG	243 000
MAR	31 800	SEP	156 000
APR	578 000	OCT	181 000
MAY	904 000	NOV	471 000
JUN	234 000	DEC	242 000

TOTAL DISCHARGE, 3 230 000 dam³

MISSINAIBI RIVER BELOW WABOOSE RIVER - STATION NO. 04LM001

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1988

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	75.0B	39.5B	30.0B	39.0B	1 420	353	287	60.9A	178	310	1348	380 B	1
2	74.0B	38.0B	28.9B	41.5B	1 560	332	253	58.2A	184	301	1348	340 B	2
3	72.0B	36.5B	28.8B	44.5B	1 640	310	223	54.9A	184	284	1328	310 B	3
4	70.0B	36.0B	28.6B	48.0B	1 680	287	194	59.6A	142	264	1318	290 B	4
5	68.0B	37.1B	28.4B	54.0B	1 650	266	177 A	62.9A	132	238	1308	275 B	5
6	67.0B	36.5B	28.2B	60.0B	1 540	243	184 A	77.0A	125	220	1328	265 B	6
7	65.0B	36.0B	28.0B	68.9B	1 400	222	150 A	126 A	121	200	183	250 B	7
8	64.0B	35.7B	28.9B	76.0B	1 290	200	136 E	214 A	118	185	217	235 B	8
9	62.5B	35.5B	28.6B	90.0B	1 190	183	120 E	269 A	114	171	322	225 B	9
10	61.0B	35.0B	28.5B	120 B	1 200	168	105 A	262 A	102	161	372	210 B	10
11	59.5B	34.7B	28.3B	170 B	1 270	153	98.0A	237 A	104	154	393	200 B	11
12	58.5B	34.3B	28.5B	420 B	1 250	141	87.4A	217 A	99.1	161	408	190 B	12
13	57.0B	34.0B	28.5B	540 B	1 220	132	80.6A	196 A	99.2	170	399	180 B	13
14	56.0B	33.9B	28.5B	700 B	1 330	128	86.1A	177 A	102	175	388	170 B	14
15	54.0B	33.8B	28.5B	840 B	1 440	126	82.3A	211	101	184	369	160 B	15
16	53.5B	33.5B	28.5B	950 B	1 390	138	78.0A	287	100	184	377	150 B	16
17	52.5B	33.2B	28.5B	1 000 B	1 290	139	75.5A	382	95.0	178	465	144 B	17
18	51.5B	33.0B	28.3B	1 010 B	1 150	133	70.1A	430	90.5	188	535	136 B	18
19	50.5B	32.8B	28.2B	1 000 B	1 010	139	78.6A	389	87.6	162	718	132 B	19
20	49.5B	32.5B	28.1B	940 B	888	172	76.7A	328	95.3	155	709	129 B	20
21	48.5B	32.3B	28.0B	910 B	778	215	73.7A	278	136	147	679	126 B	21
22	48.0B	32.0B	28.0B	880 B	688	247	67.6A	236	213	143	624	121 B	22
23	47.0B	31.7B	28.1B	870 B	620	245	61.7A	202	258	136	568	116 B	23
24	46.0B	31.4B	28.3B	870 B	558	231	58.6A	176	292	131	534	115 B	24
25	45.0B	31.2B	28.7B	880 B	515	235	53.2A	153	305	126	493	111 B	25
26	44.0B	31.0B	29.0B	859	477	264	54.4A	141	310	122	455	109 B	26
27	43.5B	30.7B	29.7B	1 050	434	303	58.2A	139	304	121	438	106 B	27
28	42.5B	30.5B	31.0B	1 140	394	352	54.2A	150	302	124	401	102 B	28
29	42.0B	30.2B	32.5B	1 210	382	340	50.1A	170	316	133	356	99.0B	29
30	41.0B		34.5B	1 300	348	319	57.8A	183	317	131	3658	96.0B	30
31	40.5B		36.5B		357		64.4A	188		153		94.0B	31
TOTAL	1 710.0	887.5	911.3	16 282.9	32 342	6 716	3 275.1	6 126.5	5 085.8	5 486	11 880	5 549.0	TOTAL
MEAN	55.2	34.1	29.4	810	1 040	224	106	198	170	177	383	179	MEAN
MAX	75.0	39.5	36.5	1 300	1 680	353	287	430	317	310	718	380	MAX
MIN	40.5	30.2	28.0	38.0	348	126	50.1	64.9	87.6	121	130	94.0	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 268
MAXIMUM DAILY, 1 680 ON MAY 4
MINIMUM DAILY, 28.0B ON MAR 21
MAXIMUM INSTANTANEOUS,
1 680 AT 18:58 EST ON MAY 4

SUMMARY FOR THE YEAR 1988

TYPE OF GAUGE - RECORDING
LOCATION - LAT 50 35 00 N
LONG 82 07 00 W
DRAINAGE AREA, 22 900 km²
A - MANUAL GAUGE
B - ICE CONDITIONS
E - ESTIMATED
NATURAL FLOW

MONTHLY TOTAL DISCHARGE
IN CUBIC DECAMETRES

JAN	148 000	JUL	283 000
FEB	85 300	AUG	529 000
MAR	78 700	SEP	439 000
APR	1 580 000	OCT	474 000
MAY	2 780 000	NOV	1 010 000
JUN	580 000	DEC	478 000

TOTAL DISCHARGE, 8 480 000 dam³

MISSISSAGI RIVER AT MISSISSAGI CHUTE - STATION NO. 02CC008

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1988

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	60.1	76.6	52.6E	193	206	141	50.2	46.4	104	48.7	195	412	1
2	52.8	69.1	44.0A	118	211	78.7	45.1	44.6	93.4	59.6	195	340	2
3	42.4	65.7	63.5	128	243	64.8	46.0	43.9	84.7	69.7	194	382	3
4	35.1	63.1	76.6	201	210	101	45.3	53.6	85.6	102	193	310	4
5	30.2	61.1	67.9	306	232	72.9	45.6	73.9	82.6	153	202	324	5
6	135	60.8	57.6	438	214	138	46.4	47.3	86.0	143	451	258	6
7	155	42.6	86.4	456	198	72.4	46.1	45.9	51.9	141	527	263	7
8	144	55.1	92.7	503	190	61.0	45.8	45.4	47.0	121	489A	286	8
9	142	58.1	89.2	578	190	74.4	45.2	45.6	50.7	101	476	267	9
10	114	43.9	93.6	581	185	95.0	45.8	45.7	51.7	86.3	480	290	10
11	101	75.4	94.4	588	181	119	47.7	45.4	50.2	85.7	440	185	11
12	97.6	81.2	94.0	492	182	84.7	48.4	45.8	48.9	126	416	185	12
13	118	31.6	91.4	400	158	85.4	47.1	48.9	85.5	114	453	173	13
14	122	26.3	90.3	318	168	102	47.2	48.4	55.3	121	426	170	14
15	99.6	33.5	88.7	294	162	98.9	47.4	71.6	57.7	118	263	179	15
16	78.1	51.4	90.1	282	188	98.6	46.5	72.9	51.5	56.4	247	184	16
17	76.4	37.1	80.8	282	197	85.7	44.9	86.7	49.7	88.3	380	202	17
18	71.9	58.4	87.7	287	194	80.8	45.9	104	48.2	99.6	345	192	18
19	77.0	43.4	87.8	248	187	68.9	46.0	86.5	48.8	152	386	201	19
20	85.1	48.3	82.7	230	188	95.1	46.2	91.7	54.7	191	371	202	20
21	84.9	37.0	82.4	205	157	92.2	47.4	87.4	57.6	193	392	188	21
22	114	34.7	87.8	203	154	80.6	46.0	82.6	61.0	193	380	184	22
23	77.8	39.4	77.4	204	173	49.3	40.3	59.5	70.6	184	338	203	23
24	68.9	51.4	104	204	158	59.4	45.8	52.5	84.6	182	305	201	24
25	92.9	53.2	184	203	158	80.4	47.4	76.0	45.2	169	314	197	25
26	80.3	30.9	144	203	161	80.4	46.0	80.9	53.3	170	275	200	26
27	114	20.3	169	202	143	61.4	45.5	77.3	68.6	156	228	201	27
28	111	33.6A	196	203	143	59.5	36.1	87.0	103	162 A	432	195	28
29	117	50.0E	175	202	124	62.1	36.0	87.7	77.2	194	436	196	29
30	90.8		186	201	150	61.7	46.5	86.0	52.9	194	421	184	30
31	87.0		202		172		48.4	87.4		194		187	31
TOTAL	2 686.1	1 473.7	3 074.2	8 886	5 576	2 256.5	1 412.4	2 002.9	1 902.1	4 168.5	10 818	7 216	TOTAL
MEAN	93.5	50.8	99.2	296	180	75.2	45.6	64.6	63.4	135	354	233	MEAN
MAX	155	89.1	202	588	243	141	50.2	104	104	194	527	412	MAX
MIN	35.1	20.3	44.0	118	124	46.8	36.0	43.8	45.2	48.7	193	170	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 141
MAXIMUM DAILY, 588 ON APR 11
MINIMUM DAILY, 20.3 ON FEB 27
MAXIMUM INSTANTANEOUS,
609 AT 08:55 EST ON APR 11

SUMMARY FOR THE YEAR 1988

TYPE OF GAUGE - RECORDING
LOCATION - LAT 49 12 04 N
LONG 83 01 32 W
DRAINAGE AREA, 8 300 km²
A - MANUAL GAUGE

E - ESTIMATED
REGULATED

MONTHLY TOTAL DISCHARGE
IN CUBIC DECAMETRES

JAN	250 000	JUL	122 000
FEB	127 000	AUG	173 000
MAR	268 000	SEP	184 000
APR	768 000	OCT	380 000
MAY	482 000	NOV	817 000
JUN	195 000	DEC	623 000

TOTAL DISCHARGE, 4 450 000 dam³

MISSISSAGI RIVER AT RAYNER GENERATING STATION - STATION NO. 02CC007

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1988

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	20.0	66.0	49.5	57.2	127	44.5	2.00	14.9	82.9	54.1	105	270	1
2	36.6	53.6	46.9	48.7	146	56.1	24.0	53.6	69.3	19.4	114	213	2
3	1.00	63.6	46.1	40.3	127	60.5	24.7	31.6	62.4	57.1	108	227	3
4	46.7	63.0	48.5	109	144	64.8	23.5	39.3	26.4	49.9	112	209	4
5	76.4	22.6	52.6	155	143	48.6	37.0	18.0	11.2	126	148	204	5
6	124	34.3	8.50	211	152	42.5	26.2	34.2	48.4	85.2	286	137	6
7	129	16.6	52.2	179	120	39.7	48.1	18.0	46.6	84.6	281	236	7
8	135	47.6	66.0	243	105	62.6	37.4	45.8	61.7	56.4	290	191	8
9	76.3	41.4	59.6	307	89.6	56.0	37.6	41.5	55.7	66.6	290	193	9
10	37.6	24.8	58.4	319	119	66.6	12.2	47.2	36.7	47.2	280	140	10
11	105	22.7	67.6	338	86.0	47.3	42.7	45.4	12.4	62.7	284	127	11
12	90.6	27.7	46.4	240	132	31.3	44.4	62.7	46.0	64.6	334	133	12
13	71.1	34.2	27.3	203	83.2	61.6	39.2	16.6	35.3	76.9	361	97.1	13
14	61.6	21.6	66.6	108	121	47.0	17.6	24.0	38.6	69.6	236	102	14
15	63.4	29.9	60.6	66.6	106	27.0	34.3	47.3	26.3	66.4	122	137	15
16	53.2	34.2	62.0	126	119	34.2	44.6	31.0	69.2	40.3	169	110	16
17	8.50	13.6	60.0	61.4	124	61.1	16.4	76.3	26.9	49.0	269	131	17
18	46.4	26.0	60.1	110	126	22.4	49.2	63.6	16.1	47.2	233	137	18
19	54.7	20.0	46.4	149	106	66.2	39.2	66.4	60.6	131	212	136	19
20	46.5	31.6	34.5	103	106	76.4	16.6	66.6	46.3	122	249	139	20
21	62.0	10.6	46.2	64.3	63.4	20.3	42.6	42.6	46.1	135	304	164	21
22	66.6	37.6	56.9	104	66.6	60.6	17.6	63.3	63.0	62.1	264	143	22
23	69.1	15.0	67.6	121	63.9	31.2	0	61.3	69.1	131	226	142	23
24	46.0	10.0	66.5	73.7	139	62.4	31.6	23.6	15.7	116	222	133	24
25	63.1	30.4	141	136	63.1	64.4	34.2	66.6	17.7	99.3	213	106	25
26	62.1	15.1	136	106	66.4	23.7	35.1	57.6	66.6	116	62.0	172	26
27	66.1	26.6	120	102	60.6	47.3	10.6	66.4	101	71.2	166	116	27
28	69.1	21.1	66.0	103	67.4	63.6	30.6	67.4	37.0	116	260	131	28
29	79.1	16.3	133	116	69.6	63.2	66.7	66.7	33.1	100	254	149	29
30	66.6		122	177	126	20.6	16.6	67.7	60.0	64.6	267	130	30
31	30.6		124		126		23.1	76.6		103		160	31
TOTAL	2 114.20	680.1	2 173.10	4 239.6	3 434.3	1 469.0	912.90	1 408.5	1 380.1	2 661.6	6 753.0	4 769.1	TOTAL
MEAN	66.2	30.3	70.1	145	111	46.3	29.6	45.5	46.3	62.3	226	154	MEAN
MAX	135	66.0	141	336	162	91.6	66.7	69.6	101	135	361	270	MAX
MIN	1.00	10.0	8.50	40.3	46.6	20.3	0	14.6	11.2	19.4	62.0	97.1	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 88.0
MAXIMUM DAILY, 361 ON NOV 13
MINIMUM DAILY, 0 ON JUL 23

DATA CONTRIBUTED BY -
ONTARIO HYDRO

SUMMARY FOR THE YEAR 1988

TYPE OF GAUGE - POWER PLANT
LOCATION - LAT 46 36 07 N
LONG 83 23 06 W
DRAINAGE AREA, 6 640 km²

REGULATED

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	163 000	JUL	78 600
FEB	78 000	AUG	122 000
MAR	188 000	SEP	118 000
APR	375 000	OCT	220 000
MAY	287 000	NOV	567 000
JUN	126 000	DEC	414 000

TOTAL DISCHARGE, 2 780 000 dam³

MISSISSAGI RIVER AT RED ROCK FALLS - STATION NO. 02CC008

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1988

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	40.2	77.2	49.9	144	188	97.0	39.0	38.6	103	44.4	187	405	1
2	49.2	76.2	49.3	75.0	220	46.6	38.6	38.6	67.0	66.6	188	363	2
3	9.50	77.2	64.9	121	209	96.7	38.0	38.4	76.9	62.6	194	367	3
4	66.6	69.7	62.9	179	198	63.1	36.6	69.1	76.4	116	188	296	4
5	87.7	87.9	60.6	341	216	60.6	36.6	38.2	60.9	144	227	327	5
6	126	39.4	66.1	433	193	106	39.7	38.6	61.4	131	497	196	6
7	136	39.2	67.6	461	166	60.2	36.6	38.7	60.6	114	521	313	7
8	116	67.4	76.6	516	166	64.6	40.3	36.4	46.6	111	466	286	8
9	126	23.3	64.7	566	160	72.7	39.9	36.6	64.3	76.9	472	226	9
10	76.9	66.1	76.9	560	160	106	40.1	36.4	67.4	76.9	467	216	10
11	60.4	69.3	76.9	573	161	76.2	36.6	36.1	60.1	66.3	427	162	11
12	66.9	36.6	77.2	416	137	62.4	40.3	36.2	61.6	101	427	163	12
13	66.3	16.6	77.2	360	161	122	40.3	36.2	66.7	66.7	469	133	13
14	106	22.0	76.6	306	136	66.7	40.7	61.6	64.4	130	406	147	14
15	76.4	36.3	76.6	264	166	60.6	40.3	63.7	60.2	66.6	219	164	15
16	67.2	63.0	76.6	244	174	66.1	36.4	69.0	39.9	66.7	266	166	16
17	66.7	31.1	66.6	266	173	69.9	37.0	66.7	61.0	110	366	176	17
18	60.0	61.6	76.6	263	171	36.6	60.7	76.2	36.2	66.3	316	174	18
19	67.6	30.3	76.6	226	173	61.6	60.1	66.6	60.6	166	361	174	19
20	36.6	36.7	66.4	164	136	122	60.3	76.6	60.3	166	361	174	20
21	64.2	23.6	76.6	166	136	61.0	60.3	77.2	60.6	166	364	174	21
22	77.2	33.6	61.7	166	133	36.9	33.9	64.6	66.6	166	346	174	22
23	61.7	34.6	61.6	177	162	67.6	36.6	64.6	66.6	176	316	166	23
24	76.6	66.2	112	166	146	60.6	60.1	66.6	63.3	163	264	166	24
25	61.6	20.9	116	173	162	62.2	60.3	74.2	36.7	161	310	166	25
26	67.0	14.3	160	166	136	61.7	60.3	77.0	60.0	161	226	166	26
27	67.6	30.3	146	166	129	63.6	60.3	66.6	100	136	246	166	27
28	106	26.6	146	166	114	62.4	21.4	61.3	76.1	161	460	166	26
29	62.7	66.7	146	166	123	63.6	36.7	63.2	66.6	172	367	166	29
30	77.2		146	166	131	60.7	60.3	76.6	60.6	174	430	166	30
31	66.6		167		162		37.6	74.1		166		167	31
TOTAL	2 492.60	1 266.6	2 660.2	6 369.0	4 966	1 622.3	1 203.2	1 763.9	1 637.1	3 630.9	10 424	6 633	TOTAL
MEAN	80.4	42.6	66.6	276	160	64.1	36.6	66.9	64.6	123	367	214	MEAN
MAX	136	77.2	167	660	220	122	60.7	66.7	103	166	621	406	MAX
MIN	9.50	14.3	46.4	76.0	114	36.9	21.4	36.4	36.7	44.4	166	133	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 126
MAXIMUM DAILY, 660 ON APR 10
MINIMUM DAILY, 9.50 ON JAN 3

DATA CONTRIBUTED BY -
ONTARIO HYDRO

SUMMARY FOR THE YEAR 1988

TYPE OF GAUGE - POWER PLANT
LOCATION - LAT 48 18 57 N
LONG 83 17 27 W
DRAINAGE AREA, 9 010 km²

REGULATED

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	215 000	JUL	104 000
FEB	106 000	AUG	152 000
MAR	228 000	SEP	141 000
APR	722 000	OCT	330 000
MAY	429 000	NOV	901 000
JUN	166 000	DEC	573 000

TOTAL DISCHARGE, 4 070 000 dam³

MISSISSAGI RIVER AT ROCKY ISLAND LAKE - STATION NO. 02CB002

DAILY WATER LEVEL IN METRES FOR 1988

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	403.200	398.110	397.290	397.870	406.000	406.550	406.580	406.070	407.850	407.740	408.140	408.780	1
2	403.190	398.000	397.300	398.080	406.130	406.580	406.560	406.060	407.850	407.750	408.140	408.780	2
3	403.170	397.800	397 290	398.210	406.250	406.630	406.560	406.040	407.950	407.750	408.150	408.780	3
4	403.160	397.610	397 280	398.450	406.370	406.650	406.540	406.020	407.850	407.770	408.180	408.780	4
5	403.110	397.740	397.280	398.670	406.490	406.690	406.540	406.010	407.830	407.780	408.280	408.740	5
6	402.810	397.680	397.280	399.030	406.610	406.710	406.530	406.000	407.810	407.780	408.380	408.730	6
7	402.580	397.630	397.280	399.480	406.710	406.720	406.510	407.980	407.800	407.790	408.500	408.700	7
8	402.260	397.580	397.280	399.830	406.810	406.720	406.490	407.870	407.880	407.790	408.610	408.680	8
9	402.010	397.540	397.300	400.380	406.810	406.720	406.470	407.870	407.880	407.790	408.710	408.670	9
10	401.770	397.510	397.290	400.850	406.880	406.710	406.450	407.840	407.880	407.800	408.740	408.640	10
11	401.540	397.470	397.280	401.320	407.060	406.700	406.430	407.820	407.850	407.810	408.740	408.600	11
12	401.350	397.440	397.280	401.780	407.150	406.700	406.420	407.820	407.850	407.810	408.780	408.570	12
13	401.160	397.420	397.280	402.260	407.240	406.700	406.380	407.830	407.840	407.820	408.750	408.540	13
14	401.010	397.400	397.280	402.660	407.320	406.700	406.280	407.850	407.820	407.830	408.750	408.520	14
15	400.870	397.390	397.280	403.030	407.420	406.680	406.380	407.880	407.820	407.850	408.750	408.500	15
16	400.740	397.380	397.280	403.380	407.510	406.680	406.380	407.880	407.810	407.850	408.780	408.470	16
17	400.640	397.360	397.280	403.640	407.580	406.680	406.330	407.880	407.810	407.870	408.780	408.440	17
18	400.530	397.350	397.280	403.900	407.660	406.680	406.320	407.880	407.780	407.880	408.780	408.410	18
19	400.450	397.340	397.280	404.130	407.740	406.650	406.300	407.880	407.780	407.900	408.800	408.370	19
20	400.380	397.330	397.280	404.360	407.820	406.650	406.290	407.880	407.780	407.810	408.800	408.330	20
21	400.300	397.320	397.280	404.570	407.880	406.640	406.280	407.880	407.780	407.830	408.780	408.280	21
22	400.050	397.330	397.280	404.740	407.860	406.640	406.270	407.880	407.780	407.850	408.780	408.220	22
23	399.860	397.320	397.280	404.810	407.820	406.640	406.260	407.860	407.770	407.870	408.780	408.180	23
24	399.690	397.320	397.280	405.080	406.080	406.630	406.260	407.870	407.760	407.880	408.780	408.130	24
25	399.530	397.310	397.310	405.210	406.150	406.630	406.250	407.880	407.760	407.890	408.750	408.080	25
26	399.350	397.310	397.330	405.360	406.220	406.630	406.230	407.870	407.760	408.000	408.740	408.030	26
27	399.120	397.300	397.370	405.480	406.280	406.620	406.210	407.870	407.780	408.020	408.740	408.000	27
28	398.780	397.300	397.380	405.610	406.350	406.620	406.180	407.870	407.780	408.030	408.780	407.950	28
29	398.550	397.300	397.410	405.740	406.400	406.600	406.150	407.870	407.730	408.060	408.780	407.910	29
30	398.380		397.610	405.870	406.450	406.580	406.120	407.870	407.730	408.080	408.780	407.880	30
31	398.240		397.880		406.510		406.100	407.880		408.090		407.830	31
MEAN	400.800	397.489	397.327	402.486	407.423	406.858	406.358	407.880	407.830	407.883	408.637	408.401	MEAN
MAX	403.200	398.110	397.880	405.870	408.510	406.720	406.580	408.070	407.850	408.090	408.800	408.780	MAX
MIN	398.240	397.300	397.280	397.870	406.000	406.580	406.100	407.820	407.730	407.740	408.140	407.830	MIN

WATER LEVELS IN METRES

MEAN, 405.304
MAXIMUM DAILY, 408.800 ON NOV 19
MINIMUM DAILY, 397.280 ON MAR 5

WATER LEVELS ARE REFERRED TO GEODETIC SURVEY OF CANADA DATUM

SUMMARY FOR THE YEAR 1988

TYPE OF GAUGE - MANUAL
LOCATION - LAT 46 52 00 N
LONG 83 08 19 W
DATA CONTRIBUTED BY -
ONTARIO HYDRO

REGULATED SINCE 1950

DRAINAGE AREA,
2 150 km²

MISSISSAGI RIVER BELOW AUBREY FALLS - STATION NO. 02CB001

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1988

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	0	29.7	28.7	5.10	40.5	3.30	4.80	4.00	72.5	26.5	53.1	123	1
2	10.0	41.8	36.9	7.40	31.5	18.6	36.8	38.1	47.2	17.1	52.3	112	2
3	4.30	26.5	37.4	15.5	45.8	58.5	3.80	41.8	4.80	27.4	46.9	143	3
4	20.9	39.0	40.7	20.2	45.2	4.30	18.3	27.9	8.20	29.6	39.4	107	4
5	61.4	13.8	7.00	41.5	57.3	3.30	23.2	29.6	32.4	32.8	3.00	82.8	5
6	83.3	25.9	5.30	27.8	58.4	15.5	24.5	3.30	28.3	25.9	5.70	145	6
7	129	16.9	50.2	46.9	26.0	43.4	27.9	3.30	32.2	40.2	87.1	114	7
8	113	19.1	26.6	22.7	13.1	50.0	26.0	24.2	32.3	26.3	57.3	118	8
9	61.5	14.8	44.9	0	47.8	36.2	19.4	35.8	41.0	2.90	73.8	82.1	9
10	67.8	12.6	36.2	0	46.1	39.6	11.6	23.5	2.90	12.1	114	88.6	10
11	75.7	19.7	34.9	15.6	33.5	19.4	36.2	26.4	13.5	36.0	114	89.3	11
12	80.1	6.40	14.9	0	39.7	3.40	32.2	42.6	34.0	36.0	127	78.8	12
13	80.6	14.5	13.9	0	54.9	58.2	14.8	27.3	30.2	35.7	105	83.7	13
14	76.1	10.7	36.6	0	40.6	35.1	36.2	3.30	22.8	43.6	84.3	86.3	14
15	56.3	30.9	25.4	11.0	46.2	34.6	17.5	12.1	30.6	6.80	133	86.7	15
16	38.7	14.6	40.4	0.800	38.1	25.1	29.4	24.8	23.6	4.80	117	85.7	16
17	6.40	15.6	33.3	0	45.4	5.40	26.4	11.7	2.90	41.5	118	78.0	17
18	34.8	16.8	39.3	19.6	50.2	9.80	26.3	30.4	30.7	14.6	123	75.6	18
19	34.6	11.2	4.40	47.3	28.5	52.3	26.8	34.6	28.6	64.3	111	85.7	19
20	32.1	0	16.9	57.1	44.0	61.6	3.80	31.9	19.7	50.8	110	98.6	20
21	38.4	17.6	31.2	55.2	41.7	14.7	21.8	35.1	18.8	56.3	121	134	21
22	80.9	15.4	40.8	40.6	40.6	46.6	23.6	34.5	34.6	24.8	108	107	22
23	36.4	15.7	31.1	53.0	36.9	27.3	5.80	21.2	28.6	18.1	112	90.0	23
24	50.8	3.80	32.8	31.1	39.2	19.6	6.80	16.1	14.6	48.3	117	79.8	24
25	63.2	15.8	33.2	61.2	32.6	32.6	34.3	29.8	13.6	64.3	107	47.9	25
26	62.8	8.50	7.70	34.0	26.6	15.9	26.2	36.9	21.7	29.3	91.4	80.2	26
27	62.9	8.40	26.2	46.6	46.1	33.2	22.3	13.9	59.7	7.50	133	87.9	27
28	72.3	20.2	47.9	95.5	27.7	34.3	36.6	32.3	17.2	48.4	109	125	28
29	66.1	37.3	43.6	32.6	37.4	12.9	41.1	31.6	25.9	15.6	112	87.1	29
30	18.8		36.6	44.0	66.5	26.4	6.90	27.6	28.6	0	125	89.0	30
31	41.7		24.0		60.6		8.60	28.3		44.6		81.6	31
TOTAL	1 673.10	523.20	947.40	835.800	1 305.9	842.00	680.90	785.40	782.70	944.40	2 787.30	2 917.6	TOTAL
MEAN	54.0	18.0	30.6	27.9	42.2	28.1	22.0	25.3	26.4	30.5	93.2	94.1	MEAN
MAX	129	41.8	50.2	95.5	60.6	61.6	41.1	42.6	72.5	64.3	133	145	MAX
MIN	0	0	4.40	0	13.1	3.30	3.80	3.30	2.90	0	3.00	47.9	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 41.1
MAXIMUM DAILY, 145 ON DEC 5
MINIMUM DAILY, 0 ON JAN 1

DATA CONTRIBUTED BY -
ONTARIO HYDRO

SUMMARY FOR THE YEAR 1988

TYPE OF GAUGE - POWER PLANT
LOCATION - LAT 46 54 42 N
LONG 83 12 36 W
DRAINAGE AREA, 4 040 km²

REGULATED

MONTHLY TOTAL DISCHARGE
IN CUBIC DECAMETRES

JAN	145 000	JUL	58 600
FEB	45 200	AUG	67 800
MAR	81 800	SEP	68 500
APR	72 200	OCT	81 600
MAY	113 000	NOV	242 000
JUN	72 700	DEC	252 000

TOTAL DISCHARGE, 1 300 000 dam³

MISSISSAGUA RIVER BELOW MISSISSAGUA LAKE - STATION NO. 02HN002

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1988

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	6.71	2.88E	2.73	3.07	7.21	4.03	3.18	1.88	4.85	3.12	2.18	4.21	1
2	6.73	3.22E	2.88	3.54	7.07	3.88	3.01	1.80	6.84	3.18	2.14	4.13	2
3	6.71	3.04E	2.84	2.12E	6.14	3.76	2.88	1.32	6.56	3.10	2.10	4.11	3
4	6.63	2.84E	2.81	2.24E	4.28	3.80	2.78	1.47	6.48	2.88	2.05	4.07	4
5	6.30E	2.83E	2.81	2.34E	4.06	3.48	4.08	1.48	6.44	2.92	2.15	4.04	5
6	5.80E	2.70E	2.69	3.27E	3.85	3.34	5.48	1.44	6.08	2.81	2.23	4.02	6
7	5.50E	2.57E	2.54	3.08E	2.33	3.25	4.93	1.41	5.77	2.71	2.22	3.97	7
8	5.15E	2.48E	2.52	2.84	2.14	3.18	4.65	1.34	4.85	2.58	2.21	3.81	8
9	4.85E	2.45E	2.50	3.48	2.17	3.08	4.44	1.38	1.87	2.48	2.19	3.87	9
10	4.50E	2.48E	2.48	4.10	2.29	2.88	4.26	1.41	1.48	2.40	2.34E	3.80	10
11	4.40E	2.48E	2.46	4.58	2.38	2.88	4.20	1.33	1.43	2.33	2.36	3.76	11
12	4.80E	2.65	2.48	3.81	2.26	2.88	4.08	1.31	1.41	2.23	2.39	3.89	12
13	4.85E	2.88	2.47	2.33	3.07	2.78	3.92	1.28	1.40	2.14	2.82	3.84	13
14	4.50E	2.88	2.47	3.48	4.28	2.71	4.44	1.23	1.38	2.08	2.78	3.83	14
15	4.40E	2.75	2.48	5.80	4.22	2.85	4.88	1.20	1.40	1.98	2.92	3.80	15
16	4.45E	2.74	2.42	5.84	4.48	2.80	4.81	1.38	1.41	1.81	3.08	3.83	16
17	4.50E	2.71	2.40	5.88	4.52	3.11	4.41	1.78	1.44	1.88	3.21	3.80	17
18	4.70E	2.71	2.42	6.00	4.50	4.88	4.18	1.74	1.48	1.88	3.37	3.48	18
19	4.84E	2.74	2.38	6.17	4.51	4.76	4.01	1.88	1.43	1.82	3.48	3.39	19
20	4.87E	2.84	2.41	6.80	4.67	4.58	3.81	1.83	1.44	1.88	3.66	3.42	20
21	5.15E	2.88	2.42	6.35	4.71	4.47	3.61	1.58	1.41	1.83	3.87	3.39	21
22	4.80E	2.87	2.40	6.21	4.73	4.40	3.48	1.55	1.36	1.84	3.86	3.37	22
23	4.50E	2.83	2.37	6.06	4.69	4.33	3.26	1.55	1.44	1.78	4.01	3.37	23
24	4.25E	2.78	2.38	6.04	4.63	4.13	3.42	1.57E	1.38	2.05	4.06	3.36	24
25	4.06E	2.77	2.62	7.86	4.68	4.01	3.24	2.28	1.32	2.61	4.11	3.43	25
26	4.05E	2.76	3.13	7.71	4.45	3.88	3.10	4.21	1.31	2.84	4.18	3.43	26
27	4.00E	2.76	3.83	7.60	4.38	3.72	2.98	4.24	1.28	2.47	4.17	3.87	27
28	3.85E	2.71	3.86	7.61	4.33	3.83	2.56	4.11	1.83	2.44	4.20	3.72	28
29	3.61E	2.69	3.24	7.63	4.26	3.49	1.80	4.06	3.37	2.37	4.20	3.72	29
30	3.51E		2.34	7.38	4.19	3.34	1.69	3.88	3.25	2.31	4.20	3.71	30
31	3.79E		2.88		4.15		1.71	3.82		2.25		3.88	31
TOTAL	150.65	78.68	81.84	158.74	128.38	107.84	113.11	82.22	82.58	73.03	92.63	114.61	TOTAL
MEAN	4.86	2.75	2.63	5.29	4.17	3.60	3.65	2.01	2.75	2.36	3.09	3.88	MEAN
MAX	6.73	3.22	3.86	8.35	7.21	4.88	5.48	4.24	6.84	3.18	4.20	4.21	MAX
MIN	3.51	2.45	2.34	2.12	2.14	2.80	1.69	1.20	1.38	1.78	2.05	3.35	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 3.40
MAXIMUM DAILY, 8.35 ON APR 21
MINIMUM DAILY, 1.20 ON AUG 16
MAXIMUM INSTANTANEOUS,
8.50 AT 05:44 EST ON APR 21

SUMMARY FOR THE YEAR 1988

TYPE OF GAUGE - RECORDING
LOCATION - LAT 44 40 30 N
LONG 78 20 45 W
DRAINAGE AREA, 326 km²

E - ESTIMATED
REGULATED

MONTHLY TOTAL DISCHARGE
IN CUBIC DECAMETRES

JAN	13 000	JUL	9 770
FEB	6 880	AUG	6 380
MAR	7 050	SEP	7 130
APR	13 700	OCT	6 310
MAY	11 200	NOV	8 000
JUN	9 330	DEC	9 880

TOTAL DISCHARGE, 108 000 dam³

MISSISSIPPI RIVER AT APPLETON - STATION NO. 02KF005

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1988

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	45.7	36.6	31.18	86.7	45.9	34.9	6.60	5.46	7.52	6.38	12.8	21.6	1
2	44.68	36.68	30.88	103	47.1	32.7	6.81	5.14	7.44	6.79	12.8	22.6	2
3	43.38	36.68	30.78	109	47.0	32.8	7.31	5.21	7.00	6.54	16.2	23.6	3
4	42.5	36.38	30.68	115	45.8	31.4	7.35	5.18	6.80	6.13	16.1	22.38	4
5	41.38	36.28	30.38	118	46.3	28.1	7.05	4.78	6.24	7.03	15.7	22.88	5
6	39.78	35.88	30.18	124	49.1	26.0	7.18	5.41	6.52	8.87	20.3	24.1	6
7	38.48	36.78	29.1	126	48.2	24.8	7.02	4.44	6.42	8.88	21.1	25.6	7
8	38.78	36.88	28.3	130	50.1	23.1	6.88	4.21	6.56	8.07	21.4	25.0	8
9	35.48	36.48	27.8	132	50.2	21.5	6.88	4.52	6.82	8.14	22.0	24.6	9
10	34.08	35.28	27.68	130	49.6	19.8	6.52	4.05	6.20	8.84	24.8	23.38	10
11	33.48	35.18	27.48	126	46.0	18.4	6.70	3.83	5.32	9.67	22.7	22.58	11
12	31.38	35.08	27.28	118	46.8	17.8	6.88	3.85	5.68	9.67	23.8	21.88	12
13	31.28	35.68	27.8	110	46.6	16.8	6.68	3.98	5.81	8.74	24.1	21.2	13
14	31.08	35.48	27.8	105	40.4	14.8	6.36	6.31	5.86	10.5	25.2	20.7	14
15	30.78	35.1	27.6	98.6	39.8	14.0	6.43	5.85	6.03	9.14	24.1	21.0	15
16	30.48	34.7	27.0	85.3	38.8	11.7	5.73	4.44	5.50	8.86	24.8	20.78	16
17	30.48	34.4	27.0	80.5	38.3	10.4	5.41	4.41	5.90	9.67	27.5	20.3	17
18	30.4	34.1	27.0	88.7	34.8	10.2	5.37	3.72	6.45	11.4	28.0	20.5	18
19	30.4	33.38	26.3	85.0	34.5	10.2	5.38	4.03	6.52	8.53	30.4	20.5	19
20	30.8	33.18	26.0	83.4	36.8	9.38	6.17	4.12	7.89	8.08	28.1	20.7	20
21	31.6	32.98	26.0	80.4	38.0	7.42	6.80	4.05	7.23	8.85	28.7	20.8	21
22	31.58	32.78	25.2	48.5	40.5	8.10	4.80	4.00	6.80	8.37	26.8	20.7	22
23	31.58	32.58	24.5	48.2	41.3	6.68	5.11	4.05	7.20	10.8	26.8	21.0	23
24	31.48	32.38	26.6A	47.1	40.7	8.78	5.16	4.85	8.73	11.8	26.1	21.0	24
25	31.38	32.18	28.6A	46.8	40.1	7.16	5.24	7.08	8.71	18.5	23.1	21.7	25
26	31.38	31.98	44.1A	43.2	42.8	6.88	5.62	6.11	5.88	18.8	19.7	21.6	26
27	31.28	31.78	52.4A	37.7	43.4	8.24	5.18	7.31	6.54	17.4	21.9	21.6	27
28	31.18	31.58	61.6A	36.4	41.7	6.84	5.18	7.23	6.28	16.8	21.1	22.2	28
29	31.18	31.38	73.7A	41.9	40.4	7.05	5.35	7.21	6.44	15.6	21.0	21.8	29
30	31.0		82.9A	46.1	40.0	6.38	5.50	6.88	6.00	13.8	22.2	21.9	30
31	33.2		88.4		37.2		5.34	6.85		14.0		21.6	31
TOTAL	1 057.0	995.9	1 103.3	2 532.5	1 326.8	476.35	188.26	159.94	191.01	323.78	675.3	680.6	TOTAL
MEAN	34.1	34.3	35.6	84.4	42.8	15.9	6.07	5.16	6.37	10.4	22.5	22.0	MEAN
MAX	45.7	36.6	88.4	132	50.2	34.9	7.35	8.11	7.89	18.8	30.4	25.6	MAX
MIN	30.4	31.3	24.5	37.7	34.5	6.24	4.80	3.72	6.03	8.13	12.8	20.3	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 36.6
MAXIMUM DAILY, 132 ON APR 9
MINIMUM DAILY, 3.72 ON AUG 16
MAXIMUM INSTANTANEOUS,
132 AT 21:36 EST ON APR 9

SUMMARY FOR THE YEAR 1988

TYPE OF GAUGE - RECORDING
LOCATION - LAT 45 10 36 N
LONG 76 07 27 W
DRAINAGE AREA, 2 800 km²
A - MANUAL GAUGE
B - ICE CONDITIONS

REGULATED

MONTHLY TOTAL DISCHARGE
IN CUBIC DECAMETRES

JAN	91 300	JUL	16 300
FEB	86 000	AUG	13 800
MAR	95 300	SEP	16 500
APR	218 000	OCT	28 000
MAY	116 000	NOV	58 300
JUN	41 300	DEC	58 800

TOTAL DISCHARGE, 840 000 dam³

MISSISSIPPI RIVER AT FERGUSONS FALLS - STATION NO. 02KF001

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1988

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	43.3	40.6	33.18	104	48.2	33.3	7.62	6.06	7.17	6.84	10.6	21.7	1
2	42.28	41.28	32.18	105	51.7	31.6	7.89	5.83	7.00	6.22	11.7	23.3	2
3	41.08	39.88	31.38	107	53.1	29.6	8.20	5.72	6.80	5.74	13.0	23.6	3
4	40.18	39.58	31.08	111	53.2	27.4	8.40	5.49	6.61	5.59	13.2	23.4	4
5	39.48	39.38	30.28	115	52.3	25.5	8.47	5.48	6.84	5.97	13.4	22.2	5
6	38.18	38.08	29.5	120	50.8	24.3	8.49	5.48	6.87	6.44	15.8	22.8	6
7	37.58	38.08	29.1	123	49.8	22.8	8.22	5.15	6.72	6.43	17.4	22.6	7
8	36.68	37.58	28.9	123	48.1	20.7	7.85	5.18	6.79	6.83	18.5	22.1	8
9	36.38	36.28	28.5	118	47.9	18.8	7.47	5.07	6.60	7.40	19.6	22.1	9
10	35.38	36.18	28.3	111	46.3	17.1	7.27	4.94	6.36	8.23	21.2	21.2	10
11	34.38	35.98	29.5	102	43.5	15.0	6.95	4.76	6.28	8.82	21.8	20.6	11
12	33.58	36.18	28.8	93.2	42.2	13.5	6.59	4.69	6.62	8.80	22.2	19.5	12
13	32.68	36.68	28.3	85.2	40.6	12.3	6.56	4.54	6.31	8.73	22.6	19.48	13
14	31.88	36.18	28.0	77.1	37.8	11.6	6.54	4.80	6.34	8.86	22.7	19.98	14
15	30.88	35.38	28.1	70.0	36.2	10.8	6.69	4.89	6.19	8.18	22.5	20.18	15
16	31.1	35.2	27.5	82.2	34.3	9.88	6.85	4.86	6.28	7.98	22.8	20.88	16
17	31.6	34.7	27.3	86.8	31.4	9.20	6.61	4.66	6.26	7.97	23.2	20.78	17
18	32.0	34.4	26.8	83.1	32.0	8.88	6.55	4.85	6.68	8.22	23.1	21.2	18
19	32.7	34.48	26.3	80.5	34.8	8.57	6.37	4.72	6.81	8.12	22.2	20.8	19
20	33.6	34.38	26.6	47.8	37.8	8.39	6.16	4.87	6.83	8.16	21.6	21.2	20
21	34.6	34.38	24.7	46.1	41.3	7.49	5.93	4.46	6.53	8.07	21.9	22.1	21
22	34.4	34.28	23.9	44.8	43.0	7.04	5.90	4.73	6.56	8.22	21.7	21.6	22
23	34.6	34.18	23.5	43.4	44.1	6.78	5.76	4.76	6.60	8.21	21.7	21.2	23
24	34.8	34.18	26.5	42.5	44.0	6.62	5.87	5.45	6.42	8.82	21.6	21.6	24
25	35.4	34.08	31.3	41.4	44.0	6.92	6.30	6.49	6.26	11.7	20.9	22.4	25
26	34.28	33.88	47.6	40.3	44.2	6.86	6.65	7.03	5.74	11.3	20.7	22.28	26
27	33.18	33.68	61.3	38.6	42.7	7.06	6.73	7.01	5.71	10.4	21.5	22.08	27
28	32.18	33.88	68.2	38.6	40.5	7.14	6.74	7.07	5.10	10.8	21.3	22.28	28
29	31.68	33.78	62.5	40.4	38.7	7.43	6.86	7.10	5.08	11.1	21.6	22.88	29
30	31.6		54.2	44.6	37.3	7.43	6.50	7.13	4.92	11.1	21.8	22.5	30
31	34.7		100		36.6		6.13	7.20		11.2		22.38	31
TOTAL	1 085.3	1 049.1	1 184.6	2 255.4	1 328.0	420.90	214.82	168.71	181.50	258.97	594.1	672.5	TOTAL
MEAN	35.0	36.2	37.6	75.2	42.8	14.3	6.93	5.47	6.38	8.35	19.8	21.7	MEAN
MAX	43.3	41.2	100	123	53.2	33.3	8.49	7.20	7.17	11.7	23.2	23.6	MAX
MIN	30.8	33.7	23.5	38.6	31.4	6.78	5.76	4.48	4.92	4.84	10.6	19.4	MIN

SUMMARY FOR THE YEAR 1988

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 25.7
MAXIMUM DAILY, 123 ON APR 7
MINIMUM DAILY, 4.48 ON AUG 21
MAXIMUM INSTANTANEOUS,
124 AT 15:25 EST ON APR 7

TYPE OF GAUGE - RECORDING
LOCATION - LAT 45 03 10 N
LONG 76 17 11 W
DRAINAGE AREA, 2 620 km²

B - ICE CONDITIONS

REGULATED

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	93 600	JUL	18 600
FEB	90 600	AUG	14 700
MAR	101 000	SEP	16 500
APR	195 000	OCT	22 400
MAY	115 000	NOV	51 300
JUN	37 100	DEC	58 100

TOTAL DISCHARGE, 814 000 dam³

MISSISSIPPI RIVER BELOW MARBLE LAKE - STATION NO. 02KF016

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1988

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	---	---	3.90	8.93	7.60	4.59	0.307	0.212	0.260	0.162	2.02	8.96	1
2	---	---	3.76	8.69	7.70	4.16	0.283	0.189	0.259	0.256	2.22	8.74	2
3	---	---	3.69	10.0	7.70	3.95	0.228	0.181	0.197	0.276	2.15	8.53	3
4	---	---	3.66	12.6	6.28	2.85	0.249	0.207	0.175	0.247	2.09	7.80	4
5	---	---	3.61	14.2	5.59	2.20 E	0.218	0.356	0.312	0.269	2.07	7.61	5
6	---	---	3.48	16.0	5.38	1.89 E	0.223	0.185	0.310	0.289	2.33	7.39	6
7	---	---	3.39	17.4	5.45	1.77 E	0.204	0.175	0.276	0.270	2.28	7.13	7
8	---	---	3.31	18.3	5.29	1.69 E	0.216	0.174	0.255	0.265	3.21	6.87	8
9	---	---	3.31	18.5	5.02	1.33 E	0.212	0.170	0.248	0.264	3.66	6.63	9
10	---	---	3.21	18.6	5.04	0.987E	0.203	0.184	0.233	0.280	4.03	6.33	10
11	---	---	3.08	18.5	5.00	0.855E	0.194	0.188	0.208	0.386	3.71	6.07	11
12	---	---	3.01	18.2	4.81	0.783E	0.176	0.183	0.188	0.338	3.64	5.90	12
13	---	---	3.04	17.7	4.90	0.722E	0.161	0.187	0.197	0.302	3.75	5.70	13
14	---	---	2.89	14.8	4.73	0.706E	0.171	0.176	0.184	0.349	3.75	5.50	14
15	---	---	2.84	14.1	4.77	0.635E	0.163	0.222	0.185	0.386	3.56	5.41	15
16	---	---	2.84	13.8	4.95	0.514E	0.164	0.205	0.175	0.472	3.57	5.13	16
17	---	---	2.77	13.4	4.61	0.427	0.159	0.202A	0.188	0.540	4.22	4.86	17
18	---	---	2.74	13.0	3.73	0.376	0.166	0.179E	0.231	0.782	7.28	4.83	18
19	---	---	2.76	8.68	6.12	0.336	0.166	0.184A	0.219	0.787	8.24	4.68	19
20	---	---	2.67	7.08	7.62A	0.319	0.186	0.186	0.247	0.824	8.40	4.80	20
21	---	---	2.62	7.10	7.61A	0.282	0.182	0.186	0.254	1.28	8.34	4.59	21
22	---	---	2.53	6.87	7.67A	0.287	0.162	0.121	0.234	1.68	7.83	4.36	22
23	---	---	2.49	6.83	7.61A	0.303	0.166	0.138	0.281	2.17	7.67	4.36	23
24	---	---	2.45	7.00	7.61A	0.282	0.168	0.180	0.262	2.26	7.40	4.31	24
25	---	---	2.69	6.83	7.64A	0.269	0.214	0.482	0.219	2.37	7.18	4.27	25
26	---	---	3.58	7.04	7.54A	0.235	0.202	0.525	0.203	2.18	6.83	4.08	26
27	---	---	4.44	6.96	7.40A	0.239	0.228	0.437	0.177	2.16	6.82	4.18	27
28	---	4.03	4.98	7.16	7.19A	0.287	0.261	0.379	0.159	2.33	6.87	4.40	28
29	---	4.00	5.73	7.47	7.13A	0.269	0.264	0.368	0.163	2.17	6.85	4.04	29
30	---		6.79	7.58	7.05A	0.300	0.240	0.312	0.186	2.10	6.75	3.95	30
31	---		7.83		5.49		0.221	0.283		2.04		3.88	31
TOTAL	---	---	116.28	355.11	192.04	33.633	6.317	7.152	6.833	30.684	150.86	175.29	TOTAL
MEAN	---	---	3.56	11.8	6.19	1.13	0.204	0.231	0.221	0.990	5.03	5.65	MEAN
MAX	---	---	7.83	18.6	7.70	4.59	0.307	0.525	0.312	2.37	8.76	8.96	MAX
MIN	---	---	2.45	6.83	3.73	0.235	0.162	0.121	0.163	0.162	2.02	3.88	MIN

SUMMARY FOR THE YEAR 1988

DISCHARGES IN CUBIC METRES PER SECOND

MAXIMUM DAILY, 18.6 ON APR 10
MINIMUM DAILY, 0.121 ON AUG 22
MAXIMUM INSTANTANEOUS,
18.7 AT 18:00 EST ON APR 10

TYPE OF GAUGE - RECORDING
LOCATION - LAT 44 50 40 N
LONG 77 07 12 W
DRAINAGE AREA, 357 km²
A - MANUAL GAUGE

E - ESTIMATED

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	---	JUL	546
FEB	---	AUG	518
MAR	8 630	SEP	573
APR	30 700	OCT	2 850
MAY	18 600	NOV	13 000
JUN	2 920	DEC	15 100

REMARKS - STATION ACTIVATED FEB 1988

MOIRA RIVER NEAR DELORO - STATION NO. 02HL005

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1988

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	3.628	10.5 B	1.958	23.6	5.26	1.10	0.122	0.023	0.021	0.057	0.304	2.16	1
2	3.448	9.258	1.848	23.2	5.07	1.06	0.113	0.022	0.020	0.084	0.269	2.03	2
3	3.128	7.708	1.798	23.2	5.51	0.862	0.106	0.020	0.020	0.058	0.327	1.98	3
4	2.848	6.508	1.738	26.9	4.98	0.784	0.084	0.018	0.023	0.053	0.350	1.828	4
5	2.538	5.258	1.558	28.5 B	4.52	0.849	0.072	0.016	0.026	0.053	0.416	1.758	5
6	2.338	4.368	1.418	28.5 B	4.08	0.569	0.071	0.014	0.021	0.066	0.892	1.698	6
7	2.178	3.928	1.408	27.5	3.80	0.482	0.064	0.013	0.018	0.064	1.13	1.61	7
8	1.988	3.558	1.578	24.1	3.39	0.418	0.059	0.012	0.015	0.068	1.12	1.718	8
9	1.858	3.348	1.718	19.6	3.13	0.381	0.049	0.011	0.016	0.062	1.36	1.618	9
10	1.728	3.118	1.858	16.0	2.95	0.296	0.047	0.012	0.016	0.076	1.52	1.528	10
11	1.598	2.868	2.168	13.5	2.66	0.238	0.042	0.011	0.019	0.123	1.86	1.438	11
12	1.568	2.668	1.918	11.1	2.42	0.184	0.037	0.011	0.019	0.134	2.12	1.358	12
13	1.818	2.798	1.728	9.51	2.27	0.142	0.035	0.010	0.022	0.122	2.47	1.248	13
14	1.738	2.758	1.598	8.93	2.18	0.115	0.040	0.009	0.023	0.128	3.11	1.258	14
15	1.648	2.978	1.618	8.37	2.07	0.094	0.038	0.008	0.028	0.103	3.05	1.278	15
16	1.568	3.308	1.488	8.88	2.27	0.078	0.035	0.008	0.022	0.092	3.08	1.248	16
17	1.678	2.958	1.378	8.33	3.03	0.068	0.035	0.008	0.022	0.076	3.21	1.188	17
18	1.868	2.728	1.328	8.15	3.18	0.081	0.031	0.008	0.028	0.084	3.22	1.128	18
19	2.138	3.118	1.258	7.64	3.07	0.060	0.032	0.008	0.024	0.081	3.16	1.078	19
20	2.478	3.618	1.198	7.00	3.53	0.038	0.028	0.007	0.031	0.090	3.07	1.168	20
21	3.468	3.338	1.148	6.58	4.19	0.038	0.026	0.006	0.035	0.093	3.15	1.388	21
22	3.288	3.018	1.128	5.95	4.08	0.048	0.039	0.005	0.032	0.122	2.96	1.318	22
23	3.028	3.498	1.268	5.32	3.72	0.056	0.036	0.005	0.053	0.133	2.86	1.258	23
24	2.828	3.288	4.058	4.84	3.33	0.057	0.039	0.013	0.048	0.171	2.73 B	1.238	24
25	2.648	3.088	5.058	4.71	2.87	0.072	0.032	0.020	0.041	0.180	2.61 B	1.108	25
26	2.578	2.628	13.3 B	4.38	2.55	0.066	0.030	0.019	0.074	0.233	2.54 B	1.048	26
27	2.308	2.618	21.8 B	4.51	2.18	0.050	0.031	0.022	0.093	0.224	2.53	1.028	27
28	2.308	2.388	20.3 B	5.17	1.86	0.068	0.028	0.023	0.088	0.247	2.41	2.008	28
29	2.068	2.168	18.8 B	5.85	1.63	0.113	0.027	0.025	0.076	0.315	2.27	2.708	29
30	1.988		18.2 B	6.37	1.40	0.114	0.027	0.025	0.067	0.305	2.17	2.238	30
31	3.648		20.5 B		1.20		0.025	0.023		0.300		1.928	31
TOTAL	73.83	113.89	169.80	387.57	100.10	8.364	1.682	0.430	1.037	4.040	82.277	47.88	TOTAL
MEAN	2.38	3.92	5.15	12.8	3.23	0.278	0.048	0.014	0.035	0.130	2.08	1.54	MEAN
MAX	3.82	10.5	21.8	28.5	5.26	1.10	0.122	0.025	0.093	0.315	3.22	2.70	MAX
MIN	1.58	2.18	1.13	4.38	1.20	0.038	0.025	0.005	0.015	0.053	0.269	1.02	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 2.62
MAXIMUM DAILY, 28.58 ON APR 6
MINIMUM DAILY, 0.005 ON AUG 22

SUMMARY FOR THE YEAR 1988

TYPE OF GAUGE - RECORDING
LOCATION - LAT 44 30 00 N
LONG 77 37 03 W
DRAINAGE AREA, 306 km²

B - ICE CONDITIONS

NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	8 380	JUL	128
FEB	9 820	AUG	37.2
MAR	13 800	SEP	88.8
APR	33 500	OCT	349
MAY	8 650	NOV	5 380
JUN	722	DEC	4 110

TOTAL DISCHARGE, 83 000 dam³

MOIRA RIVER NEAR FOXBORO - STATION NO. 02HL001

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1988

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	47.7	36.6	25.0	198	36.8	14.7	2.23	1.59	2.08	3.04	6.93	16.8	1
2	46.78	44.5	24.1	186	37.2	13.7	2.11	1.46	1.65	3.82	6.80	16.2	2
3	43.0	50.5	23.6	175	36.8	12.6	1.87	1.32	1.78	4.88	6.69	15.7	3
4	41.0	53.4	22.7	172	35.7	11.6	1.70	1.24	1.84	5.12	6.30	15.7	4
5	38.78	52.3	21.6	173	34.4	10.4	1.53	1.11	1.74	5.18	6.10	15.0	5
6	37.3	48.6	21.1	173	32.6	9.52	1.43	1.01	1.83	5.45	6.31	13.88	6
7	34.8	45.3	21.1	171	30.7	8.39	1.30	1.02	1.45	5.72	6.61	14.4	7
8	31.2	43.2	21.4	167	28.6	7.76	1.23	0.904	1.26	6.20	7.23	14.6	8
9	29.1	40.6	22.1	160	27.1	7.18	1.08	0.828	1.14	6.42	7.82	14.3	9
10	27.6	37.2	25.6	149	25.6	4.02	0.992	0.795	1.08	5.81	8.66	13.9	10
11	26.3A	33.3	28.8	137	24.3	2.75	0.908	0.718	1.10	5.67	9.74	12.6	11
12	23.6E	32.3	28.7	126	22.3	2.87	0.848	0.731	1.09	5.10	10.3	11.9	12
13	22.0E	31.6	27.4	114	20.8	3.35	0.765	0.656	1.01	4.86	11.0	11.38	13
14	20.2E	30.6	26.1	103	20.0	3.55	0.715	0.686	1.01	4.23	12.2	11.08	14
15	19.4E	32.5	25.1	94.5	18.9	3.45	0.652	0.701	1.01	3.89	13.4	12.78	15
16	19.6E	31.6	24.7	85.9	18.6	3.28	0.633	0.686	0.970	3.56	14.4	12.3	16
17	21.0E	31.3	24.8	78.1	21.3	3.17	0.798	0.645	1.04	3.26	15.0	12.58	17
18	22.2E	30.4	25.2	73.0	23.5	2.84	0.680	0.632	1.00	3.53	15.0	12.08	18
19	24.5E	29.4	25.0	67.8	24.4	2.53	0.902	0.655	1.09	3.65	15.4	13.0	19
20	27.9E	28.4	24.3	62.6	25.1	2.26	0.906	0.613	1.13	3.47	16.3	13.5	20
21	31.0E	28.6	23.0	58.5	26.3	2.24	0.895	0.585	1.27	3.46	16.0	14.3	21
22	32.2E	29.9	21.5	54.9	28.2	2.37	0.828	0.670	1.21	3.79	16.0	14.7	22
23	31.1	31.1	21.0	50.8	28.3	2.42	0.817	0.684	3.66	4.00	16.0	15.6	23
24	28.6	31.1	30.2	46.3	28.1	2.40	0.988	0.624	4.53	4.15	17.9	16.0	24
25	28.3	30.3	48.1	42.4	27.4	2.22	1.40	1.08	4.11	4.61	17.8	16.4	25
26	28.6	29.8	87.4	39.1	25.2	2.24	2.17	1.58	3.81	4.85	17.8	16.3	26
27	28.1	28.6	144	37.2	22.9	2.32	2.34	2.07	3.40	5.35	17.3	16.1	27
28	23.6	27.2	181	36.3	20.8	2.16	2.27	2.43	3.36	5.78	17.5	16.5	28
29	21.7	26.4	208	35.5	18.8	2.12	2.14	2.63	3.00	6.46	17.6	20.1	29
30	22.0		210	36.6	17.1	2.21	1.93	2.66	3.08	6.73	17.1	20.9	30
31	26.4		207		15.7		1.78	2.46		6.81		21.8	31
TOTAL	901.1	1 027.4	1 872.4	3 103.2	808.1	152.88	41.020	35.881	57.740	148.92	381.58	484.9	TOTAL
MEAN	29.1	35.6	54.1	103	26.0	5.08	1.32	1.15	1.92	4.80	12.7	15.0	MEAN
MAX	47.7	53.4	210	198	37.2	14.7	2.34	2.66	4.53	6.81	18.0	21.8	MAX
MIN	19.4	26.4	21.0	36.3	15.7	2.12	0.633	0.585	0.970	3.04	6.10	11.3	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 24.0
MAXIMUM DAILY, 210 ON MAR 30
MINIMUM DAILY, 0.585 ON AUG 21
MAXIMUM INSTANTANEOUS,
311 AT 08:59 EST ON MAR 30

SUMMARY FOR THE YEAR 1988

TYPE OF GAUGE - RECORDING
LOCATION - LAT 44 15 14 N
LONG 77 25 10 W
DRAINAGE AREA, 2 620 km²
A - MANUAL GAUGE
B - ICE CONDITIONS
E - ESTIMATED
REGULATED

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	77 900	JUL	3 540
FEB	88 800	AUG	3 080
MAR	145 000	SEP	4 890
APR	268 000	OCT	12 800
MAY	69 800	NOV	33 000
JUN	13 200	DEC	40 200

TOTAL DISCHARGE, 780 000 dam³

MOJIKIT LAKE RESERVOIR AT MOJIKIT LAKE - STATION NO. 04GB003

DAILY WATER LEVEL IN METRES FOR 1988

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	324.340	324.280	324.300	324.310	324.380	324.710	325.080	325.040	324.970	326.370	327.030	325.800	1
2	324.330	324.280	324.310	324.310	324.380	324.720	325.080	325.030	324.940	326.430	327.020	325.880	2
3	324.330	324.280	324.310	324.310	324.390	324.740	325.070	325.030	324.890	326.480	326.780	325.880	3
4	324.330	324.280	324.310	324.310	324.400	324.750	325.060	325.020	325.000	326.560	326.610	325.880	4
5	324.320	324.280	324.310	324.310	324.410	324.760	325.070	325.020	325.000	326.800	326.380	325.840	5
6	324.320	324.280	324.310	324.310	324.420	324.770	325.080	325.050	325.000	326.840	326.350	325.830	6
7	324.320	324.280	324.310	324.320	324.420	324.780	325.090	325.040	325.000	326.680	326.320	325.810	7
8	324.320	324.280	324.320	324.320	324.420	324.800	325.100	325.040	324.990	326.720	326.290	325.780	8
9	324.310	324.280	324.320	324.310	324.440	324.820	325.100	325.030	325.000	326.760	326.280	325.760	9
10	324.310	324.280	324.330	324.320	324.480	324.820	325.100	325.020	325.010	326.800	326.250	325.740	10
11	324.300	324.280	324.340	324.320	324.500	324.830	325.100	325.020	325.010	326.830	326.230	325.720	11
12	324.300	324.280	324.340	324.320	324.510	324.840	325.100	325.010	325.040	326.830	326.210	325.700	12
13	324.290	324.280	324.340	324.330	324.540	324.850	325.100	325.010	325.050	326.840	326.190	325.680	13
14	324.290	324.280	324.340	324.340	324.540	324.850	325.100	325.010	325.060	327.120	326.180	325.660	14
15	324.280	324.280	324.340	324.340	324.540	324.880	325.100	325.000	325.080	327.120	326.170	325.640	15
16	324.280	324.280	324.340	324.340	324.560	324.900	325.100	325.000	325.090	327.130	326.170	325.620	16
17	324.280	324.280	324.330	324.350	324.570	324.910	325.100	325.000	325.110	327.150	326.150	325.610	17
18	324.280	324.280	324.330	324.350	324.570	324.920	325.100	324.990	325.130	327.150	326.150	325.600	18
19	324.280	324.280	324.330	324.340	324.580	324.930	325.090	324.980	325.150	327.140	326.130	325.580	19
20	324.280	324.300	324.320	324.340	324.580	324.950	325.100	324.970	325.190	327.120	326.120	325.560	20
21	324.280	324.300	324.320	324.340	324.600	324.950	325.090	324.960	325.210	327.130	326.090	325.550	21
22	324.290	324.310	324.310	324.340	324.610	324.970	325.090	324.940	325.230	327.120	326.070	325.520	22
23	324.290	324.300	324.320	324.340	324.630	324.980	325.080	324.950	325.530	327.110	326.060	325.510	23
24	324.290	324.300	324.320	324.350	324.640	324.990	325.070	324.950	325.880	327.110	326.040	325.510	24
25	324.280	324.300	324.320	324.350	324.640	325.010	325.070	324.950	325.990	327.110	326.020	325.500	25
26	324.280	324.300	324.320	324.350	324.640	325.030	325.080	324.950	326.080	327.100	326.010	325.480	26
27	324.280	324.300	324.320	324.360	324.650	325.040	325.080	324.950	326.120	327.080	326.010	325.470	27
28	324.280	324.310	324.320	324.360	324.660	325.050	325.080	324.970	326.180	327.120	325.870	325.450	28
29	324.290	324.300	324.320	324.360	324.670	325.060	325.080	324.960	326.240	327.080	325.840	325.430	29
30	324.290		324.320	324.370	324.680	325.080	325.080	324.980	326.300	327.060	325.830	325.420	30
31	324.290		324.320		324.700		325.040	324.980		327.040		325.400	31
MEAN	324.298	324.294	324.322	324.334	324.541	324.890	325.081	324.995	325.321	326.824	326.231	325.642	MEAN
MAX	324.340	324.310	324.340	324.370	324.700	325.080	325.100	325.050	326.300	327.150	327.030	325.900	MAX
MIN	324.280	324.280	324.300	324.310	324.380	324.710	325.040	324.940	324.870	326.370	325.830	325.400	MIN

SUMMARY FOR THE YEAR 1988

WATER LEVELS IN METRES

MEAN, 325.076
MAXIMUM DAILY, 327.150 ON OCT 17
MINIMUM DAILY, 324.280 ON JAN 18

TYPE OF GAUGE - RECORDING
LOCATION - LAT 50 38 15 N
LONG 88 12 30 W
DATA CONTRIBUTED BY -
ONTARIO HYDRO

REGULATED

WATER LEVELS ARE REFERRED TO GEODETIC SURVEY OF CANADA DATUM

MONTREAL RIVER AT LOWER NOTCH GENERATING STATION - STATION NO. 02JD010

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1988

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	6.80	84.5	78.5	29.7	242	104	0	5.30	114	30.0	105	145	1
2	50.4	88.1	30.8	12.8	294	123	38.6	46.4	126	0	101	152	2
3	17.7	80.0	80.6	61.0	311	139	5.20	32.3	0	29.4	85.4	74.7	3
4	84.1	84.7	84.3	61.3	287	135	44.1	33.8	0	48.8	83.7	132	4
5	99.3	85.4	82.3	63.4	288	129	80.4	20.4	0	54.8	82.8	141	5
6	84.1	37.6	40.6	55.3	275	88.9	48.5	1.20	53.3	74.4	146	162	6
7	55.4	13.7	71.0	85.7	247	121	74.3	0	50.4	83.8	152	184	7
8	84.0	74.8	84.7	130	301	132	60.5	27.8	58.1	21.7	168	181	8
9	17.7	84.9	85.8	181	303	108	13.5	86.7	92.3	27.0	176	117	9
10	19.7	79.1	85.8	187	282	80.6	6.50	83.7	0	24.0	180	131	10
11	72.4	85.5	47.1	203	288	82.2	70.4	26.2	0	80.0	203	78.8	11
12	76.5	52.5	27.0	239	285	45.5	82.5	91.9	33.8	41.8	204	104	12
13	76.5	33.6	34.2	330	328	133	56.3	13.7	26.0	61.2	187	145	13
14	82.8	34.2	66.7	264	351	110	46.3	3.00	38.7	60.0	171	115	14
15	52.5	69.0	37.1	285	295	88.3	21.5	8.30	15.4	9.10	173	144	15
16	62.0	70.8	41.8	341	282	3.70	0.800	37.5	61.2	0	173	89.2	16
17	14.4	61.3	52.3	251	321	30.7	0	18.0	2.40	64.0	202	61.6	17
18	70.8	73.3	43.3	272	253	37.5	27.2	29.4	12.0	50.2	187	65.8	18
19	77.2	44.4	16.6	314	192	65.8	54.7	32.3	38.2	115	182	124	19
20	68.7	33.6	35.3	301	150	120	29.5	2.80	30.4	68.8	184	114	20
21	66.7	28.8	56.8	264	231	43.0	38.5	33.5	11.2	105	207	114	21
22	66.7	61.0	21.6	258	208	72.5	64.8	37.7	50.4	43.6	208	118	22
23	61.1	70.5	61.8	244	208	18.2	0	61.1	46.1	44.4	207	95.8	23
24	31.1	64.6	61.2	218	232	27.2	5.70	37.4	0	80.4	196	18.7	24
25	69.2	66.1	46.2	232	198	23.4	26.8	25.6	0	121	174	32.6	25
26	107	63.7	27.3	228	181	0	23.3	52.1	36.3	110	174	76.8	26
27	64.8	25.0	16.0	244	186	66.3	13.7	49.6	65.0	84.4	164	82.5	27
28	76.6	30.6	27.6	234	152	47.0	66.3	64.6	32.3	117	174	80.4	28
29	62.6	64.6	36.6	257	178	66.4	61.6	60.1	31.3	104	167	64.4	29
30	36.2		62.4	231	177	68.6	3.90	62.7	66.8	81.4	144	126	30
31	20.6		60.2		141		0	60.7		87.4		72.2	31
TOTAL	1 848.80	1 733.2	1 421.0	6 029.2	7 671	2 311.60	1 005.800	1 125.70	1 089.70	1 812.30	5 021.6	3 289.6	TOTAL
MEAN	60.3	58.6	45.8	201	254	77.1	32.4	36.3	36.3	61.7	167	105	MEAN
MAX	107	86.1	79.5	341	376	139	74.3	86.7	126	121	208	182	MAX
MIN	6.80	13.7	16.0	12.8	141	0	0	0	0	0	82.8	18.7	MIN

SUMMARY FOR THE YEAR 1988

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 84.7
MAXIMUM DAILY, 376 ON MAY 6
MINIMUM DAILY, 0 ON JUN 26

TYPE OF GAUGE - POWER PLANT
LOCATION - LAT 47 09 15 N
LONG 79 27 15 W
DRAINAGE AREA, 8 600 km²

REGULATED

MONTHLY TOTAL DISCHARGE
IN CUBIC DECAMETRES

JAN	161 000	JUL	86 800
FEB	150 000	AUG	97 300
MAR	133 000	SEP	94 200
APR	521 000	OCT	155 000
MAY	660 000	NOV	434 000
JUN	200 000	DEC	282 000

TOTAL DISCHARGE, 2 990 000 dam³

DATA CONTRIBUTED BY -
ONTARIO HYDRO

MONTREAL RIVER AT MOUNTAIN CHUTES - STATION NO. 02JD009

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1988

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	25.8	26.2	18.3	22.1	249	89.4	29.2	12.7	26.2	20.7	57.8	88.6	1
2	26.7	26.1	18.4	23.7	271	85.8	26.4	12.6	25.2	21.8	58.6	88.2	2
3	25.4	25.6	18.2	25.7	286	83.1	23.9	13.5	24.5	22.1	58.7	85.1	3
4	25.6	23.8	18.2	34.0	281	88.2	24.5	14.7	24.6	22.0	58.8	81.8	4
5	25.8	22.5	18.1	46.0	280	84.6	26.8	16.4	24.4	22.5	58.1	80.8	5
6	25.0	21.7	17.8	84.2	286	78.2	27.2	17.8	23.6	20.7	82.0	85.4	6
7	24.2	21.2	17.7	84.8	277	73.6	24.8	16.4	23.3	19.2	72.8	78.8	7
8	23.6	20.8	17.7	130	266	68.8	26.6	19.5	22.7	18.2	62.5	75.4	8
9	23.2	20.6	17.7	158	263	48.8	24.4	19.0	23.1	17.6	67.3	72.6	9
10	23.0	23.6	18.0	173	248	41.2	23.1	18.3	23.0	17.3	97.6	70.2	10
11	23.1	23.7	18.6	186	241	43.7	23.8	17.4	22.1	18.2	103	67.1	11
12	23.8	22.0	20.0	200	228	44.8	25.8	17.0	21.5	18.0	104	63.8	12
13	24.7	21.8	21.1	202	188	44.8	22.7	16.5	21.3	18.0	106	61.3	13
14	25.1	22.2	21.3	215	177	44.7	20.3	17.0	19.8	18.8	106	56.3	14
15	25.8	23.1	21.6	238	177	44.2	17.8	18.8	19.8	19.7	108	52.2	15
16	26.1	23.0	22.4	266	178	44.0	18.0	23.0	18.7	20.2	107	51.0	16
17	26.1	22.7	23.1	280	178	42.8	17.8	25.8	18.3	21.4	121	50.6	17
18	26.6	22.2	23.8	248	171	39.6	17.8	26.6	18.2	27.0	131	48.9	18
19	26.1	21.8	22.4	228	164	33.1	17.5	26.7	18.6	36.3	132	48.1	19
20	26.6	22.3	20.4	228	157	31.6	14.8	24.4	18.8	41.8	130	47.6	20
21	26.6	22.2	19.4	221	148	31.3	14.1	23.3	18.6	45.7	124	46.6	21
22	26.1	22.2	18.6	210	145	32.6	14.7	25.2	18.6	54.3	112	44.7	22
23	26.3	22.6	18.1	202	143	32.6	14.8	22.8	17.0	63.3	107	43.3	23
24	26.3	22.6	18.6	198	138	31.2	14.7	23.6	17.3	86.4	104	42.2	24
25	26.4	21.2	18.7	197	133	28.8	14.8	26.7	18.2	87.4	101	41.8	25
26	26.3	20.0	18.6	200	125	31.6	14.4	28.8	18.7	88.8	97.8	41.1	26
27	26.1	18.3	17.6	206	112	32.1	13.8	28.4	18.7	83.7	96.6	40.8	27
28	26.2	18.7	18.0	207	96.3	28.2	13.4	33.0	18.8	68.4	96.2	40.6	28
29	26.2	18.8	18.2	204	95.2	24.8	13.4	31.8	18.7	65.0	96.6	39.9	29
30	26.1		20.1	228	103	27.1	13.3	29.4	20.1	83.8	99.3	39.3	30
31	26.4		20.8		103		12.8	27.4		83.3		38.8	31
TOTAL	790.1	644.4	594.7	5 126.3	5 913.5	1 485.0	607.8	678.8	607.4	1 087.4	2 880.3	1 862.3	TOTAL
MEAN	25.5	22.2	19.2	171	191	49.5	19.6	21.9	20.2	35.1	96.0	60.1	MEAN
MAX	26.6	26.2	23.5	266	291	89.4	29.2	33.0	26.2	67.4	132	88.6	MAX
MIN	23.0	18.7	16.7	22.1	95.2	24.8	12.8	12.6	16.6	17.3	57.8	38.8	MIN

SUMMARY FOR THE YEAR 1988

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 80.8
MAXIMUM DAILY, 291 ON MAY 4
MINIMUM DAILY, 12.6 ON AUG 2
MAXIMUM INSTANTANEOUS,
282 AT 14:25 EST ON MAY 4

TYPE OF GAUGE - RECORDING
LOCATION - LAT 47 38 21 N
LONG 80 11 28 W
DRAINAGE AREA, 4 300 km²

REGULATED

MONTHLY TOTAL DISCHARGE
IN CUBIC DECAMETRES

JAN	88 300	JUL	52 500
FEB	85 700	AUG	58 600
MAR	81 400	SEP	52 500
APR	443 000	OCT	94 000
MAY	511 000	NOV	249 000
JUN	128 000	DEC	161 000

TOTAL DISCHARGE, 1 830 000 dam³

MONTREAL RIVER NEAR MONTREAL RIVER HARBOUR - STATION NO. 02BE002

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1988

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	15.4	25.5	20.4	28.5	34.1	52.3	23.6	26.3	37.7	17.4	26.8	85.2	1
2	25.5	33.4	26.8	20.4	47.0	50.3	17.4	45.3	39.1	25.8	35.3	81.3	2
3	29.7	26.1	21.7	21.6	56.5	47.0	16.3	40.8	29.3	33.6	41.3	62.0	3
4	26.0	29.2	27.8	26.9	52.7	36.0	30.1	45.8	17.8	33.8	34.8	72.1	4
5	26.0	22.1	17.7	27.6	56.8	40.2	37.0	39.8	0	34.1	35.0	80.3	5
6	37.0	27.6	10.1	41.8	38.1	45.3	45.3	33.7	31.3	30.3	26.8	82.1	6
7	32.1	26.2	25.3	16.8	33.8	56.0	49.8	35.5	41.8	30.0	34.8	83.0	7
8	30.7	25.8	15.4	20.4	39.1	40.1	35.5	35.5	42.1	29.2	36.0	74.8	8
9	33.6	25.8	15.4	29.8	42.8	51.3	32.3	36.9	37.0	36.0	36.8	73.8	9
10	26.3	31.3	21.0	24.5	46.3	43.3	35.8	36.0	36.6	30.2	36.0	64.1	10
11	25.5	28.0	21.0	32.6	56.1	36.1	41.8	40.4	27.8	40.5	32.1	69.7	11
12	37.4	31.3	18.5	26.3	31.0	43.0	36.8	32.1	34.5	35.3	28.8	71.8	12
13	42.5	23.8	0	27.0	55.8	54.7	36.8	30.3	44.2	41.8	26.1	74.9	13
14	36.8	26.8	16.1	36.1	34.1	56.6	36.5	42.1	37.0	39.8	35.3	64.8	14
15	22.5	28.0	18.7	30.8	37.8	49.7	36.5	39.5	34.5	35.3	40.8	67.5	15
16	18.3	27.3	17.4	25.2	40.2	43.6	33.7	49.7	35.3	29.8	35.0	71.8	16
17	15.1	24.5	20.7	40.5	58.2	46.2	33.1	31.6	35.5	29.6	35.3	72.5	17
18	26.3	16.7	17.8	43.3	48.1	44.5	46.4	31.1	23.4	49.3	49.3	72.2	18
19	25.1	16.0	15.1	43.8	29.2	37.1	30.0	23.9	37.0	36.2	50.0	72.8	19
20	26.9	17.0	16.8	37.0	37.8	50.5	37.0	21.8	47.0	43.5	55.8	67.7	20
21	29.8	16.3	18.4	45.8	27.0	64.6	41.8	11.8	47.7	37.1	46.6	74.6	21
22	23.8	12.9	38.9	30.3	23.9	47.3	40.6	21.6	51.0	33.8	55.2	73.9	22
23	27.0	15.7	18.1	32.3	37.1	51.8	36.8	22.6	40.8	29.7	47.0	74.6	23
24	32.3	22.1	26.6	28.3	44.5	47.0	33.5	24.6	40.8	35.0	53.8	64.3	24
25	34.1	18.3	18.1	30.2	47.0	47.0	37.0	21.8	46.3	43.5	48.7	66.6	25
26	41.3	18.7	0	35.1	48.5	48.7	37.0	22.5	44.5	38.8	60.6	76.2	26
27	38.1	12.3	13.3	30.0	42.6	47.0	31.3	21.7	55.2	46.4	148	66.6	27
28	33.1	0	26.6	27.2	42.6	57.5	60.0	22.5	49.4	46.7	207	70.5	28
29	21.8	22.5	21.0	36.6	34.4	64.1	42.5	36.6	45.0	44.7	188	67.7	29
30	15.1		15.6	33.6	47.0	40.6	32.1	35.3	41.1	41.6	83.7	64.0	30
31	16.6		22.2		54.7		24.6	42.3		45.0		73.3	31
TOTAL	876.6	663.6	586.5	932.4	1 329.1	1 454.6	1 103.2	1 004.6	1 130.5	1 113.8	1 684.3	2 280.4	TOTAL
MEAN	28.3	22.5	18.9	31.1	42.9	48.5	35.6	32.4	37.7	35.9	85.5	72.6	MEAN
MAX	42.5	33.4	38.9	45.8	58.2	64.6	60.0	49.7	55.2	49.3	207	85.2	MAX
MIN	15.1	0	0	16.6	23.9	36.0	17.4	11.8	0	17.4	26.1	58.6	MIN

SUMMARY FOR THE YEAR 1988

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 38.6
MAXIMUM DAILY, 207 ON NOV 28
MINIMUM DAILY, 0 ON FEB 26

TYPE OF GAUGE - POWER PLANT
LOCATION - LAT 47 12 50 N
LONG 84 37 10 W
DRAINAGE AREA, 2 880 km²

REGULATED SINCE 1935

MONTHLY TOTAL DISCHARGE
IN CUBIC DECAMETRES

JAN	75 700	JUL	95 300
FEB	55 500	AUG	85 800
MAR	50 700	SEP	97 700
APR	80 600	OCT	95 200
MAY	115 000	NOV	144 000
JUN	126 000	DEC	194 000

TOTAL DISCHARGE, 1 220 000 dam³

DATA CONTRIBUTED BY -
GREAT LAKES POWER COMPANY LIMITED

REMARKS - PRIOR TO 1980 PUBLISHED AS "MONTREAL RIVER AT RAILWAY BRIDGE"

MOON RIVER AT HIGHWAY NO. 69 - STATION NO. 02EB011

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1988

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	4.22	4.43	30.0	33.0E	26.4	15.8	0.568	1.18	1.52	1.40	5.41	4.52	1
2	2.87	4.63	32.0	41.7	26.8	13.8	0.575	1.20	1.58	1.78	5.17	3.44	2
3	2.59	4.25	55.3	51.9	26.9	15.6	0.577	1.22	1.60	1.87	4.70	3.41	3
4	2.55	5.89	69.4	86.5	27.5	15.4	0.577	1.28	1.67	1.66	4.73	3.21	4
5	2.74	18.8	65.8	105	25.8	14.5	0.588	1.29	1.67	1.69	5.08	3.13	5
6	2.59	22.5	58.8	118	18.3	14.8	0.580	1.34	1.75	1.71	5.38	3.11	6
7	2.41	22.5	54.3	130	18.4	12.8	0.582	1.30	1.68	1.71	4.83	3.04	7
8	2.24	22.7	48.5	148	18.8	4.67	0.585	1.33	1.68	1.85	4.63	2.88	8
9	2.38	22.2	45.1	183	18.9	4.21	0.610	1.48	1.68	2.01	4.38	2.88	9
10	2.48	21.4	41.0	189	21.0	4.19	0.604	1.42	1.48	2.31	5.53	2.81	10
11	2.38	20.7	38.1	207	27.8	4.15	0.882	1.40	1.45	2.49	11.2	2.88	11
12	2.26	21.0	33.7	182	25.8	4.10	0.870	1.41	1.61	2.48	16.0	2.48	12
13	2.19	21.2	31.1	183	20.0	4.14	0.872	1.41	1.63	2.38	15.4	2.34	13
14	2.10	20.6	28.9	166	18.8	4.11	0.748	1.48	1.63	2.25	32.2	2.47	14
15	2.12	20.6	21.3	179	18.7	4.08	0.724	1.51	1.84	2.34	74.8	2.50	15
16	2.07	21.1	20.2	185	20.4	3.62	0.718	1.48	1.67	2.25	72.0	2.58	16
17	2.08	20.9	15.6	181	20.1	2.30	0.728	1.58	1.58	2.07	75.8	2.81	17
18	2.42	24.8	5.63	181	22.8	1.12	0.780	1.58	1.58	2.98	100	2.80	18
19	2.38	34.2	5.33	118	23.1	0.847	0.786	1.52	1.58	3.22	105	2.85	19
20	2.47	36.1	4.52	82.7	23.1	0.874	0.883	1.50	1.86	2.79	101	2.68	20
21	4.06	35.6	4.76	51.3	22.9	0.879	0.861	1.53	1.56	2.50	86.8	2.98	21
22	15.1	34.9	4.70	43.4	22.5	0.803	0.926	1.52	1.52	2.34	92.0	2.84	22
23	15.5	34.3	4.63	34.1	22.8	0.867	0.956	1.50	1.55	2.07	88.6	2.99	23
24	14.7	34.2	5.66	34.7	22.7	0.511	1.12	1.59	1.52	2.13	72.1	3.12	24
25	13.4	33.6	6.77	33.3	23.0	0.527	1.12	1.66	1.51	2.66	26.9	3.29	25
26	10.2	32.4	5.39	32.5	22.1	0.534	1.13	1.86	1.54	3.70	23.7	3.36	26
27	3.97	31.4	6.86	32.2	21.6	0.535	1.15	1.83	1.55	5.53	22.3	3.63	27
28	3.96	31.4	10.0 E	33.0	21.8	0.578	1.16	1.57	1.46	6.77	20.8	4.52	28
29	3.60	31.4	11.0 E	30.4	21.8	0.586	1.13	1.57	1.39	7.31	19.8	4.73	29
30	2.38		13.0 E	26.8	21.4	0.574	1.13	1.57	1.36	7.10	18.6	4.64	30
31	2.74		30.0 E		19.4		1.14	1.50		6.05		4.36	31
TOTAL	139.11	689.90	807.56	3 001.6	682.8	151.216	25.070	45.23	48.84	91.30	1 133.59	98.55	TOTAL
MEAN	4.49	23.8	26.1	100	22.3	5.04	0.809	1.46	1.56	2.95	37.8	3.18	MEAN
MAX	15.5	36.1	69.4	207	27.8	15.8	1.16	1.89	1.87	7.31	105	4.73	MAX
MIN	2.07	4.25	4.52	26.8	18.8	0.511	0.568	1.18	1.36	1.40	4.36	2.34	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 18.9
MAXIMUM DAILY, 207 ON APR 11
MINIMUM DAILY, 0.511 ON JUN 24
MAXIMUM INSTANTANEOUS,
241 AT 14:58 EST ON APR 11

SUMMARY FOR THE YEAR 1988

TYPE OF GAUGE - RECORDING
LOCATION - LAT 45 03 48 N
LONG 79 47 12 W

E - ESTIMATED
REGULATED

MONTHLY TOTAL DISCHARGE
IN CUBIC DECAMETRES

JAN	12 000	JUL	2 170
FEB	59 500	AUG	3 910
MAR	69 500	SEP	4 050
APR	259 000	OCT	7 880
MAY	59 000	NOV	87 900
JUN	13 100	DEC	8 510

TOTAL DISCHARGE, 558 000 dam³

MOOSE CREEK AT LEVACK - STATION NO. 02CF013

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1988

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	0.470B	0.440B	0.218B	1.05B	1.15 E	0.864	0.086	0.011	0.781	0.535	1.41 E	1.55	1
2	0.460B	0.405B	0.216B	1.00B	1.06 E	0.837	0.043	0.010	0.708	0.672	1.29 E	1.51	2
3	0.460B	0.380B	0.213B	1.15B	1.15 E	0.458	0.026	0.438	0.689	0.885	1.18 E	1.20 B	3
4	0.442B	0.360B	0.212B	1.45B	1.15 E	0.415	0.023	0.316	0.826	0.832	1.13 E	1.04 B	4
5	0.430B	0.345B	0.210B	2.00B	1.04 E	0.380	0.018	0.416	0.887	0.768	1.00 E	0.965B	5
6	0.425B	0.330B	0.209B	2.20E	0.838E	0.338	0.015	0.570	0.823	0.550E	2.20 E	0.980B	6
7	0.415B	0.318B	0.208B	2.45E	0.852E	0.322	0.014	0.646	0.843	0.420E	2.40 E	1.02 B	7
8	0.408B	0.307B	0.208B	2.81E	0.913E	0.300	0.013	0.696	0.536	0.325E	2.10 E	0.900B	8
9	0.396B	0.296B	0.220B	2.24A	0.443E	0.280	0.013	0.804	0.492	0.260E	1.88 E	0.810B	9
10	0.382B	0.291B	0.248B	2.42E	0.459E	0.260	0.028	0.767	0.468	0.215E	1.85 E	0.785B	10
11	0.385B	0.282B	0.239B	2.53A	0.395E	0.235	0.026	0.832	0.437	0.200E	1.80 E	0.725B	11
12	0.380B	0.276B	0.232B	2.07E	0.366E	0.262	0.017	0.923	0.429	0.255E	1.68 E	0.690B	12
13	0.375B	0.268B	0.226B	1.62E	0.868E	0.187	0.023	1.16	0.502	0.270E	1.58 E	0.650B	13
14	0.370B	0.263B	0.222B	1.98E	0.818E	0.157	0.022	2.27	0.498	0.245E	1.48 E	0.625B	14
15	0.366B	0.258B	0.218B	1.92E	0.867E	0.143	0.019	1.17	0.440	0.220E	1.42 E	0.595B	15
16	0.370B	0.253B	0.215B	1.85E	0.907E	0.119	0.022	0.575	0.434	0.185E	1.55 E	0.575B	16
17	0.375B	0.248B	0.211B	1.86E	0.908E	0.288	0.021	0.459	0.468	0.350E	1.68 E	0.655B	17
18	0.378B	0.243B	0.208B	1.94E	0.817E	0.704	0.018	0.337	0.481	0.700E	1.52 E	0.640B	18
19	0.375B	0.246B	0.208B	1.84E	0.781E	0.833	0.018	0.500	0.480	1.45 E	1.42 E	0.525B	19
20	0.365B	0.250B	0.205B	1.76E	0.811E	1.10	0.032	0.700	0.870	1.24 A	1.31 E	0.660B	20
21	0.355B	0.255B	0.204B	1.68E	0.868E	1.10	0.023	0.828	0.833	1.26	1.22 E	0.780B	21
22	0.340B	0.260B	0.202B	1.63E	1.00 E	1.18	0.020	0.821	0.475	1.51	1.14 E	0.880B	22
23	0.332B	0.255B	0.200B	1.57E	0.987E	1.24	0.042	0.807	0.464	1.38 E	1.08 E	0.780B	23
24	0.327B	0.246B	0.198B	1.57E	0.819E	1.12	0.020	0.815	0.423	1.29 E	1.02 E	0.710B	24
25	0.324B	0.239B	0.200B	1.50E	0.843E	1.29	0.014	0.818	0.378	1.24 E	0.980E	0.665B	25
26	0.318B	0.233B	0.270B	1.47E	0.787E	1.15	0.013	0.868	0.386	1.19 E	0.870E	0.625B	26
27	0.314B	0.228B	0.800B	1.41E	0.764E	1.08	0.012	0.810	0.507	1.15 E	1.10 E	0.695B	27
28	0.310B	0.225B	0.730B	1.37E	0.689E	0.848	0.013	0.822	0.450	1.80 E	1.48 E	0.670B	28
29	0.308B	0.221B	0.620B	1.28E	0.633E	0.426	0.013	0.756	0.384	2.00 E	1.24 E	0.645B	29
30	0.315B		0.730B	1.28E	0.632	0.201	0.013	0.808	0.383	1.78 E	1.81 A	0.625B	30
31	0.345B		1.13 B		0.785		0.011	0.804		1.84 E		0.810B	31
TOTAL	11.640	8.222	8.728	52.88	24.648	17.825	0.700	22.167	15.892	27.085	44.170	23.785	TOTAL
MEAN	0.375	0.284	0.314	1.76	0.795	0.594	0.023	0.715	0.823	0.874	1.47	0.767	MEAN
MAX	0.470	0.440	1.1[illegible]	2.81	1.15	1.29	0.086	2.27	0.836	2.00	2.40	1.55	MAX
MIN	0.308	0.221	0.[illegible]	1.00	0.366	0.118	0.011	0.011	0.366	0.185	0.870	0.610	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 0.705
MAXIMUM DAILY, 2.81E ON APR 8
MINIMUM DAILY, 0.011 ON JUL 31
MAXIMUM INSTANTANEOUS,
3.89 AT 02:45 EST ON AUG 14

SUMMARY FOR THE YEAR 1988

TYPE OF GAUGE - RECORDING
LOCATION - LAT 46 38 08 N
LONG 81 23 25 W
DRAINAGE AREA, 40.6 km²
A - MANUAL GAUGE
B - ICE CONDITIONS
E - ESTIMATED
NATURAL FLOW

MONTHLY TOTAL DISCHARGE
IN CUBIC DECAMETRES

JAN	1 010	JUL	80.5
FEB	710	AUG	1 920
MAR	841	SEP	1 380
APR	4 570	OCT	3 340
MAY	2 130	NOV	3 830
JUN	1 940	DEC	2 050

TOTAL DISCHARGE, 23 400 dam³

MOOSE RIVER ABOVE MOOSE RIVER - STATION NO. 04LG004

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1988

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	3100	1950	1900	2250	3 800	891	741	252E	700E	880E	5250	1 490	1
2	2300	2150	1940	2100	4 310	847	684	155E	850E	850E	5220	1 440	2
3	2250	1940	2100	4200	4 610	874	553	215E	820E	900E	5210	1 340	3
4	2240	2150	1800	2700	4 700	835	480	215E	570E	920E	5200	1 240	4
5	2420	2000	1900	3400	4 740	818	479	176E	480E	750E	5150	9800	5
6	2550	2250	1720	2900	4 480	743	445	178E	480E	880E	584	9200	6
7	2650	1900	1670	3680	3 870	689	412	784A	400E	830E	724	9200	7
8	2350	1850	1900	4050	3 680	638	392	1 130	375E	800E	1 130	9400	8
9	2380	2000	1340	4250	3 300	568	329	1 100	370E	570E	1 580	9000	9
10	2400	2000	1110	4800	3 180	528	317	959	370E	480E	1 700	8200	10
11	2260	2020	1800	7100	3 280	538	273	919A	410E	480E	1 640	7700	11
12	2370	1830	1810	7600	3 210	484	277	784A	395E	400E	1 670	7200	12
13	2260	1800	1520	1 050	3 020	482	248	663A	330E	480E	1 670	6700	13
14	2400	1870	1630	1 200	3 350	470	245	638	330E	570E	1 450	6200	14
15	2170	1800	1800	1 320	3 400	378	238	585	315E	900E	1 390	5700	15
16	2260	1840	2000	1 520	3 710	370	238	638	325E	820E	1 400	5500	16
17	1880	1870	1900	1 800	3 450	372	224	1 500	235E	600E	1 550	5250	17
18	1800	1880	1870	2 300	3 140	375	1 44E	1 510	325E	580E	1 830	5200	18
19	2300	1880	2080	2 500	2 720	297	290E	1 220	315E	580E	2 180	5150	19
20	2280	1900	1400	2 400	2 400	370	230E	1 030	290E	530E	2 060	4800	20
21	2200	1870	1380	2 350	2 030	437	240E	882	280E	520E	1 980	4700	21
22	2280	1820	1930	2 300	1 770	444	230E	803	444E	510E	1 800	4400	22
23	2220	2130	1960	2 250	1 580	887	200E	720E	500E	480E	1 720	4500	23
24	2000	1880	1800	2 240	1 440	807	150E	578E	570E	440E	1 540	4300	24
25	2050	1870	1820	2 230	1 320	494	176E	480E	810E	478E	1 430	4100	25
26	2120	1880	1970	2 220	1 300	533	210E	480E	850E	480E	1 330	4000	26
27	2200	1900	2020	2 260	1 120	537	213E	445E	800E	445E	1 270	3950	27
28	2330	1740	1460	2 800	1 020	720	215E	440E	690E	473A	1 230	3600	28
29	2100	1820	2010	3 080	973	820	212E	530E	650E	482	1 380	3650	29
30	2150		1980	3 380	801	778	205E	640E	900E	453	1 640	3600	30
31	2120		1830		1 030		143E	690E		424		3650	31
TOTAL	6 980	5 602	5 578	43 933	87 374	17 704	9 434	21 504	15 035	17 578	40 282	21 495	TOTAL
MEAN	225	193	180	1 480	2 820	590	304	694	501	577	1 340	693	MEAN
MAX	310	228	210	3 380	4 740	981	741	1 510	900	826	2 180	1 490	MAX
MIN	180	174	111	210	801	297	143	185	315	400	516	380	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 800
MAXIMUM DAILY, 4 740 ON MAY 5
MINIMUM DAILY, 1110 ON MAR 10
MAXIMUM INSTANTANEOUS,
4 880 AT 04:20 EST ON MAY 5

SUMMARY FOR THE YEAR 1988

TYPE OF GAUGE - RECORDING
LOCATION - LAT 50 44 38 N
LONG 81 27 30 W
DRAINAGE AREA, 80 100 km²
A - MANUAL GAUGE
B - ICE CONDITIONS
E - ESTIMATED
REGULATED

MONTHLY TOTAL DISCHARGE
IN CUBIC DECAMETRES

JAN	804 000	JUL	815 000
FEB	484 000	AUG	1 850 000
MAR	482 000	SEP	1 300 000
APR	3 800 000	OCT	1 540 000
MAY	7 550 000	NOV	3 480 000
JUN	1 530 000	DEC	1 850 000

TOTAL DISCHARGE, 25 300 000 dam³

MUSKOKA RIVER AT HIGHWAY NO. 69 - STATION NO. 02EB012

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1988

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	93.9	87.9	90.3A	95.9	87.7	82.7	0.905A	5.06	24.8	48.7	110	93.2	1
2	93.7	90.4	90.0E	96.5	81.3	86.6	1.84	2.77	24.1	48.7	111	93.9	2
3	93.4	90.6	89.0E	97.3	92.0	85.1	4.94	3.01	25.4	48.1	110	93.3	3
4	90.3	90.8	9[illegible]	94.5	90.5	83.0	2.71	2.91	24.2	31.0	108	93.4	4
5	91.4	90.3	91.4	87.1	92.0	85.8	3.53	4.94	26.8	37.1	107	92.9	5
6	90.8	92.6	91.6	82.7	105	53.2	4.93	4.01	22.9	41.7	109	93.2	6
7	92.5	92.9	88.4	89.3	95.4	46.2	2.58	4.79	24.3	51.7	111	91.2	7
8	91.4	93.4	94.1	91.4	93.8	32.0	1.38 A	1.05A	31.5	49.7	108	93.7	8
9	88.2	90.2	92.2	83.7	92.6	11.3	4.33	3.68A	27.1	53.8	108	93.5	9
10	89.8	95.4	91.5	81.0	87.4	7.38	3.77 A	3.85	28.3	53.3	110	92.9	10
11	91.9	93.1	91.5	84.7	45.5	7.54	4.81	4.77	27.7	55.4	118	93.2	11
12	91.6	92.7	92.3	83.3	49.3	2.15	6.72	5.18	22.6	56.9	118	91.5	12
13	90.6	92.5	91.7	86.9	53.7	1.86 A	5.67	4.72	23.2	58.3	119	91.4	13
14	89.1	92.1	91.3	100	54.4	1.93	2.21	5.68	21.1	58.8	118	78.5	14
15	88.4	92.7	91.4	107	47.5	0.955A	1.87 A	4.85	22.6	54.1	97.8	77.2	15
16	84.5	92.8	91.9	111	53.5	1.84	1.46 A	2.59	23.3	54.3	100	75.3	16
17	84.4	92.6	91.6	108	50.1	2.67	0.892A	5.06	26.4	55.8	100	86.4	17
18	88.2	92.2	91.1	86.0	52.1	1.87	2.77	3.38	22.5	57.4	99.0	87.1	18
19	86.8	90.8	91.5	115	72.8	9.27	1.56 A	3.58A	16.8	73.7	93.6	84.4	19
20	88.7	91.3	88.6	116	85.3	8.26	3.82	5.24	26.6	72.6	92.5	81.7	20
21	92.0	92.0	85.1	112	59.6	11.5	1.56	3.05	45.9	74.7	92.7	83.3	21
22	93.3	92.0A	83.4	115	65.0	13.4	1.51 A	9.43	50.3	84.6	92.1	83.2	22
23	92.7	92.0E	75.6	113	61.0	8.63	5.80	11.8	49.4	82.0	90.3	88.1	23
24	92.7	92.0E	73.5	120	65.5	1.35 A	5.57	15.2	49.5	84.8	86.5	81.6	24
25	93.4	92.0E	80.6	128	68.5	2.47 A	4.59	11.8	49.2	83.9	90.3	82.9	25
26	92.2	91.0E	91.0	112	65.6	6.83 E	2.41	9.78	49.8	82.9	92.4	81.8	26
27	91.5	91.0E	91.7	118	66.7	1.50 E	5.38	9.88	54.6	83.8	92.2	86.3	27
28	92.4	91.0E	90.7	107	67.2	1.64 E	3.36	10.8	49.2	86.1	82.7	86.9	28
29	92.2	91.0E	91.6	88.6	62.1	2.06 A	3.36 A	10.7	47.8	112	84.6	89.6	29
30	92.0		94.9	101	58.8	1.21 A	6.86	23.1	48.2	113	83.0	86.6	30
31	88.3		88.2		64.1		1.82 A	24.7		111		86.6	31
TOTAL	2 808.4	2 681.5	2 766.8	2 988.9	2 177.2	559.505	104.157	231.05	998.0	2 122.5	3 058.5	2 305.9	TOTAL
MEAN	90.6	91.6	89.3	100	70.2	18.7	3.36	7.45	33.3	68.5	102	74.4	MEAN
MAX	93.9	95.4	94.9	128	105	86.6	8.72	24.7	54.6	113	118	93.7	MAX
MIN	84.4	87.9	73.5	84.7	45.5	0.955	0.892	1.05	16.8	31.0	86.6	51.6	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 83.3
MAXIMUM DAILY, 128 ON APR 25
MINIMUM DAILY, 0.892A ON JUL 17
MAXIMUM INSTANTANEOUS,
143 AT 23:35 EST ON APR 26

SUMMARY FOR THE YEAR 1988

TYPE OF GAUGE - RECORDING
LOCATION - LAT 45 01 30 N
LONG 79 46 30 W

A - MANUAL GAUGE

E - ESTIMATED
REGULATED

MONTHLY TOTAL DISCHARGE
IN CUBIC DECAMETRES

JAN	243 000	JUL	9 000
FEB	230 000	AUG	20 000
MAR	238 000	SEP	86 200
APR	259 000	OCT	183 000
MAY	188 000	NOV	284 000
JUN	48 300	DEC	199 000

TOTAL DISCHARGE, 1 970 000 dam³

MUSKOKA RIVER BELOW BALA - STATION NO. 02EB005

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1986

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	86.1	92.3	120	129	114	78.5	1.47	6.24	26.4	48.1	115	97.7	1
2	86.8	95.0	122	138	106	80.4	2.42	3.97	25.7	47.5	116	96.3	2
3	86.0	94.8	144	159	119	80.7	5.12	4.23	27.0	46.0	115	96.7	3
4	92.9	96.8	161	161	116	76.4	3.29	4.19	25.9	32.7	113	96.8	4
5	94.1	109	157	192	118	80.1	4.12	6.23	28.7	36.8	112	98.0	5
6	93.5	116	151	201	126	86.1	5.51	5.35	24.7	43.4	114	96.3	6
7	94.9	116	143	219	116	89.1	3.17	6.09	26.0	53.4	116	94.2	7
8	93.8	116	143	237	113	36.7	1.99	2.36	33.2	51.8	111	96.7	8
9	86.6	112	137	247	112	15.8	4.84	5.13	28.7	55.6	110	96.5	9
10	92.3	117	133	250	86.4	11.8	4.37	5.37	29.8	55.8	117	96.7	10
11	94.3	114	128	262	73.1	11.7	5.50	6.17	29.2	57.8	130	96.8	11
12	93.8	114	126	265	76.1	6.26	7.39	6.60	24.3	58.4	133	94.3	12
13	92.8	114	123	270	73.7	5.82	7.34	6.13	24.7	60.7	134	93.7	13
14	91.2	113	120	268	73.2	5.04	2.86	7.16	22.6	61.1	148	91.0	14
15	87.5	114	113	268	68.2	5.06	2.69	6.36	24.1	66.4	172	78.7	15
16	86.7	114	112	278	73.8	5.36	2.16	4.06	24.8	68.8	172	77.8	16
17	88.5	114	107	289	100	4.87	1.82	7.84	26.0	67.8	176	88.0	17
18	90.8	117	97.7	267	108	2.98	3.62	4.84	24.1	70.4	189	88.7	18
19	91.2	126	86.8	234	96.0	10.1	2.35	5.10	18.5	76.8	188	87.0	19
20	91.2	127	91.1	178	88.4	9.13	4.46	6.74	37.5	76.4	184	84.4	20
21	86.1	126	89.8	183	82.5	12.2	2.44	4.58	47.5	77.2	180	86.3	21
22	108	127	88.1	169	87.5	14.0	2.44	11.0	51.7	88.8	184	88.1	22
23	108	126	80.4	1/	83.9	7.20	8.88	13.1	51.0	84.1	180	81.1	23
24	107	126	78.4	18	89.2	1.85	8.89	16.8	51.0	88.7	169	84.7	24
25	107	126	87.4	181	91.5	3.00	5.71	13.5	50.7	86.6	117	88.2	25
26	102	123	86.4	145	87.7	7.16	3.84	11.5	51.4	86.8	116	88.3	26
27	95.5	122	88.7	150	80.3	2.06	8.84	11.3	56.4	89.3	115	88.8	27
28	98.4	122	101	140	78.1	2.42	4.84	12.4	50.7	105	114	81.4	28
29	95.8	122	103	127	83.8	2.64	4.46	21.3	49.3	118	114	84.8	29
30	94.4		108	128	78.2	1.78	8.71	24.7	48.6	120	110	81.3	30
31	91.0		116		73.5		2.96	26.2		117		83.3	31
TOTAL	2 947.7	3 351.0	3 575.9	6 000	2 871.3	710.81	129.24	276.46	1 046.3	2 213.7	4 185	2 404.4	TOTAL
MEAN	95.1	116	115	200	92.6	23.7	4.17	8.92	34.8	71.4	140	77.6	MEAN
MAX	108	126	161	288	126	80.7	7.39	26.2	58.4	120	189	97.7	MAX
MIN	86.6	92.3	78.4	127	86.2	1.78	1.47	2.36	18.5	32.7	110	84.7	MIN

SUMMARY FOR THE YEAR 1986

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 81.2
MAXIMUM DAILY, 288 ON APR 14
MINIMUM DAILY, 1.47 ON JUL 1

TYPE OF GAUGE -
LOCATION - LAT N
LONG W
DRAINAGE AREA, 4 770 km²

REGULATED

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	255 000	JUL	11 200
FEB	290 000	AUG	23 900
MAR	309 000	SEP	90 300
APR	518 000	OCT	191 000
MAY	248 000	NOV	362 000
JUN	61 400	DEC	208 000

TOTAL DISCHARGE, 2 570 000 dam³

REMARKS - DAILY DISCHARGE OBTAINED BY SUMMATION OF FLOWS AT 02EB011 AND 02EB012

MUSKABIK RIVER AT OUTLET OF MUSKABIK LAKE - STATION NO. 04EF001

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1986

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	2.208	1.268	1.02 B	1.008	35.08	35.2	18.7	17.5	6.81	43.2	28.28	20.6 B	1
2	2.158	1.258	1.01 B	1.028	52.08	33.7	17.1	16.8	5.80	40.8	28.9	19.5 B	2
3	2.128	1.248	1.01 B	1.048	58.08	31.6	18.0	18.3	6.53	38.6	30.7	18.4 B	3
4	2.058	1.238	1.00 B	1.078	78.6	28.6	14.6	20.3	7.90	38.4	30.6	17.3 B	4
5	2.008	1.218	1.00 B	1.098	83.0	27.3	14.3	19.8	8.89	38.5	30.1	16.4 B	5
6	1.968	1.208	1.00 B	1.128	86.0	24.9	13.8	20.1	5.68	32.6	26.28	15.5 B	6
7	1.908	1.188	1.00 B	1.188	85.6	24.2	13.7	18.3	4.51	30.9	26.48	14.6 B	7
8	1.878	1.188	1.00 B	1.218	85.6	22.3	13.7	21.2	4.33	29.9	27.88	14.1 B	8
9	1.838	1.178	1.00 B	1.278	84.7	18.4	13.1	17.3	5.20	26.9	27.58	13.3 B	9
10	1.808	1.158	1.00 B	1.378	84.08	17.2	14.1	14.6	8.31	32.9	26.08	12.7 B	10
11	1.788	1.156	0.9908	1.498	85.2	16.4	12.8	14.5	8.08	32.2	26.8	12.0 B	11
12	1.758	1.148	0.9908	1.648	85.8	14.7	10.9	12.5	8.11	24.1	26.3	11.3 B	12
13	1.728	1.148	0.9908	1.838	82.08	13.4	11.2	11.1	8.12	20.2	26.2	10.6 B	13
14	1.688	1.138	0.9808	2.048	81.5	13.2	12.9	10.3	10.2	20.2	27.6	10.2 B	14
15	1.658	1.128	0.9808	2.268	81.3	16.9	11.3	9.37	11.1	18.5	26.5	9.708	15
16	1.628	1.118	0.9808	2.558	77.2	16.7	11.8	9.62	12.7	18.0	27.08	9.308	16
17	1.608	1.118	0.9808	2.828	73.0	16.6	12.9	8.97	14.0	23.6	27.78	8.708	17
18	1.578	1.108	0.9808	3.058	70.2	17.8	12.6	7.34	15.3	23.6	28.38	8.308	18
19	1.538	1.098	0.9758	3.188	68.3	20.6	13.6	6.87	15.2	25.3	28.1	7.808	19
20	1.508	1.088	0.9708	3.278	66.9	25.6	13.4	6.42	23.8	26.1	30.4	7.608	20
21	1.488	1.078	0.9708	3.378	62.5	26.0	13.8	5.61	23.4	26.9	30.48	7.108	21
22	1.488	1.068	0.9658	3.508	60.0	33.3	12.8	4.62	25.5	31.7	30.6	8.758	22
23	1.448	1.068	0.9608	3.708	63.6	30.3	13.3	3.93	31.3	30.8	30.3	8.408	23
24	1.428	1.058	0.9608	4.108	55.6	28.8	12.8	4.56	34.2	31.3	30.2	8.058	24
25	1.408	1.048	0.9608	4.858	49.3	31.1	14.3	4.96	38.7	31.2	29.08	8.858	25
26	1.388	1.048	0.9608	5.808	48.8	28.8	12.7	5.87	38.6	30.7	28.08	5.558	26
27	1.368	1.038	0.9608	6.708	46.4	26.8	10.6	4.32	43.6	29.2	28.78	5.308	27
28	1.348	1.038	0.9658	9.208	43.8	27.9	9.84	5.40	43.6	28.88	25.18	5.008	28
29	1.328	1.028	0.9758	13.0 B	41.6	25.0	10.6	6.14	42.7	28.78	23.78	4.808	29
30	1.308		0.9858	18.0 B	40.4	20.8	12.1	5.27	42.0	28.88	22.28	4.608	30
31	1.288		0.9958		38.8		11.4	5.00		28.88		4.458	31
TOTAL	51.46	32.85	30.813	106.72	2 082.3	718.5	408.04	337.59	547.25	811.7	849.3	320.25	TOTAL
MEAN	1.66	1.13	0.994	3.82	66.5	24.0	13.1	10.9	18.2	28.4	28.3	10.3	MEAN
MAX	2.20	1.26	1.02	18.0	88.0	35.2	18.7	21.2	43.6	43.2	30.7	20.6	MAX
MIN	1.28	1.02	0.960	1.00	35.0	15.2	9.84	3.93	4.33	18.5	22.2	4.46	MIN

SUMMARY FOR THE YEAR 1986

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 17.4
MAXIMUM DAILY, 85.0 ON MAY 8
MINIMUM DAILY, 0.9808 ON MAR 23
MAXIMUM INSTANTANEOUS,
87.78 AT 01:00 EST ON MAY 13

TYPE OF GAUGE - RECORDING
LOCATION - LAT 51 31 32 N
LONG 86 04 13 W
DRAINAGE AREA, 1 880 km²

B - ICE CONDITIONS

NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	4 450	JUL	25 100
FEB	2 820	AUG	28 200
MAR	3 640	SEP	47 300
APR	8 350	OCT	78 800
MAY	178 000	NOV	73 400
JUN	62 100	DEC	27 700

TOTAL DISCHARGE, 551 000 dam³

NAGAGAMI RIVER AT HIGHWAY NO. 11 - STATION NO. 04JC002

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1988

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	13.0 B	8.60B	6.90B	7.80B	71.2	53.6	27.9	9.01	18.1	22.5	18.5E	36.5E	1
2	12.8 B	8.55B	6.85B	8.00B	84.3	52.2	26.3	8.74	17.5	22.3	18.0E	36.2E	2
3	12.6 B	8.45B	6.82B	8.30B	97.2	49.7	25.2	12.0	16.7	21.8	17.5E	37.3E	3
4	12.4 B	8.40B	6.80B	8.60B	105	47.4	23.8	12.3	16.0	21.4	17.4E	38.0E	4
5	12.2 B	8.30B	6.78B	9.10B	107	44.6	22.7	12.6	15.3	20.5	17.4E	34.5E	5
6	12.0 B	8.20B	6.77B	10.0 B	106	41.7	21.8	14.1	14.6	20.3	17.5E	33.2E	6
7	11.8 B	8.10B	6.76B	11.2 B	107	39.3	20.9	15.0	14.1	20.0	21.0E	31.8E	7
8	11.6 B	8.05B	6.79B	12.7 B	110	37.2	19.8	14.2	13.9	19.8	21.7E	30.2E	8
9	11.4 B	8.00B	6.80B	14.4 B	115	34.9	18.8	13.4	13.8	19.8	23.8E	29.0E	9
10	11.2 B	7.90B	6.80B	16.5 B	120	33.2	18.0	13.2	13.4	19.8	24.9E	28.0E	10
11	11.0 B	7.80B	6.80B	19.0 B	119	31.7	17.4	12.9	12.7	20.7	25.0E	26.8E	11
12	10.9 B	7.75B	6.80B	22.0 B	118	30.6	16.4	12.7	12.0	20.6	25.4E	25.8E	12
13	10.7 B	7.70B	6.80B	25.0 B	124	29.0	15.1	11.4	11.7	20.4	25.1	24.7E	13
14	10.8 B	7.65B	6.75B	28.5 B	126	28.3	15.1	16.2	11.9	20.4	24.0	23.8E	14
15	10.5 B	7.80B	6.85B	30.0 B	125	29.1	15.8	30.3	11.9	20.3	24.0E	22.9E	15
16	10.3 B	7.55B	6.81B	31.7 B	122	28.4	14.8	33.1	12.3	19.6	25.5E	23.1E	16
17	10.2 B	7.50B	6.80B	32.4 B	118	28.3	14.3	30.8	12.1	19.8	26.0E	21.4E	17
18	10.0 B	7.40B	6.80B	32.8 B	113	28.7	13.7	25.7	11.9	20.4	32.5E	20.7E	18
19	9.80B	7.35B	6.80B	33.0 B	109	31.6	13.2	23.5	11.6	19.8	36.5E	20.2E	19
20	9.60B	7.30B	6.80B	33.2 B	105	33.8	12.6	22.4	12.6	19.5	40.0E	19.7E	20
21	9.70B	7.25B	6.80B	33.5 B	100	32.3	12.0	20.6	14.5	19.5	42.5E	19.0E	21
22	9.60B	7.22B	6.80B	33.9 B	95.2	30.6	11.6	19.3	15.6	19.9	44.0E	18.4E	22
23	9.50B	7.20B	6.58B	34.6 B	89.5	28.9	11.2	18.2	16.5	20.0	43.8E	18.0E	23
24	9.35B	7.15B	6.85B	35.5 B	83.8	27.4	11.0	18.2	17.1	20.1	43.0E	17.8E	24
25	9.25B	7.10B	6.70B	36.3 B	76.4	31.0	10.8	18.4	17.9	20.5	41.8E	17.1E	25
26	9.15B	7.05B	6.80B	38.0 B	73.8	37.9	10.3	20.3	18.5	20.4	40.5E	16.7E	26
27	9.05B	7.00B	6.80B	41.0 B	69.3	37.4	9.80	20.2	19.7	20.5	39.5E	16.3E	27
28	8.95B	7.00B	7.05B	45.1	64.7	35.1	9.56	20.8	21.6	20.5	39.0E	16.0E	28
29	8.85B	6.95B	7.20B	50.5	61.7	32.5	9.42	20.7	22.0	20.5	38.8E	15.7E	29
30	8.75B		7.35B	59.4	58.0	30.0	9.57	20.0	22.3	20.0	38.6E	15.3E	30
31	8.70B		7.55B		56.9		9.38	19.0		19.5		15.0E	31
TOTAL	326.75	232.07	210.87	802.00	3 033.0	1 057.4	489.84	581.45	480.2	631.0	885.0	748.7	TOTAL
MEAN	10.5	7.86	6.80	25.7	97.8	35.2	15.8	18.1	15.3	20.4	29.5	24.2	MEAN
MAX	13.0	8.60	7.55	59.4	126	53.6	27.9	33.1	22.3	22.5	44.0	38.5	MAX
MIN	8.70	6.95	6.58	7.80	56.9	27.4	9.38	9.01	11.7	19.5	17.4	15.0	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 25.8
MAXIMUM DAILY, 126 ON MAY 14
MINIMUM DAILY, 6.58B ON MAR 23
MAXIMUM INSTANTANEOUS,
137 AT 03:41 EST ON MAY 14

SUMMARY FOR THE YEAR 1988

TYPE OF GAUGE - RECORDING
LOCATION - LAT 48 48 44 N
LONG 84 31 48 W
DRAINAGE AREA, 2 410 km²

B - ICE CONDITIONS
E - ESTIMATED
NATURAL FLOW

MONTHLY TOTAL DISCHARGE
IN CUBIC DECAMETRES

JAN	35 100	JUL	42 300
FEB	19 200	AUG	48 500
MAR	18 200	SEP	39 800
APR	69 300	OCT	54 500
MAY	262 000	NOV	77 300
JUN	91 400	DEC	64 800

TOTAL DISCHARGE, 815 000 dam³

NAMAKAN LAKE ABOVE KETTLE FALLS DAM - STATION NO. 05PA003

DAILY WATER LEVEL IN METRES FOR 1988

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	339.545	339.334	339.062	338.778	339.346	339.812A	340.516	340.680	340.995	340.823	340.110	339.840	1
2	339.539	339.321	339.056	338.783	339.361	339.830E	340.528	340.700	340.995	340.787	340.121	339.823	2
3	339.537	339.312	339.046	338.758	339.372	339.848E	340.541	340.705	340.989	340.767	340.125	339.806	3
4	339.531	339.301	339.040	338.751	339.384	339.865A	340.551	340.711	340.986	340.717	340.123	339.790	4
5	339.514	339.290	339.032	338.748	339.396	339.886A	340.570	340.733	340.990	340.700	340.122	339.674	5
6	339.503	339.280	339.022	338.754	339.401	340.006A	340.586	340.751	340.991	340.680	340.120	339.656	6
7	339.504	339.271	339.013	338.776	339.429	340.028A	340.595	340.773	340.989	340.695	340.150	339.640	7
8	339.497	339.259	339.018	338.802	339.477	340.046E	340.595	340.788	340.995	340.644	340.282	339.625	8
9	339.491	339.250	339.020	338.853	339.476	340.064E	340.603	340.803	340.989	340.626	340.301	339.607	9
10	339.485	339.238	339.014	338.898	339.476	340.082E	340.602	340.815	340.970	340.582	340.300	339.791	10
11	339.481	339.227	339.018	338.942	339.486	340.100E	340.601	340.825	340.980	340.560	340.299	339.773	11
12	339.480	339.216	339.023	338.988	339.532	340.118E	340.605	340.831	340.954	340.532	340.298	339.759	12
13	339.472	339.205	339.023	339.034	339.567	340.143A	340.635	340.838	340.954	340.505	340.307	339.746	13
14	339.460	339.197	339.019	339.074	339.591	340.181	340.630	340.883	340.937	340.474	340.304	339.733	14
15	339.459	339.186	339.014	339.113	339.618	340.195	340.680	340.915	340.921	340.445	340.291	339.719	15
16	339.455	339.179	339.005	339.147	339.635	340.223	340.672	340.951	340.911	340.418	340.300	339.703	16
17	339.452	339.169	338.985	339.173	339.659	340.242	340.677	341.028	340.904	340.384	340.278	339.691	17
18	339.441	339.162	338.967	339.193	339.678	340.262	340.680	340.980	340.882	340.363	340.232	339.673	18
19	339.431	339.154	338.948	339.208	339.702	340.278	340.684	340.980	340.862	340.323	340.212	339.654	19
20	339.424	339.147	338.930	339.220	339.721	340.284	340.686	340.991	341.006	340.297	340.181	339.640	20
21	339.416	339.136	338.909	339.232	339.738	340.305	340.694	340.997	341.030	340.285	340.164	339.625	21
22	339.413	339.131	338.894	339.243	339.761	340.352	340.694	341.038	341.052	340.267	340.127	339.610	22
23	339.406	339.121	338.880	339.253	339.778	340.358	340.695	341.052	341.051	340.265	340.089	339.607	23
24	339.400	339.112	338.864	339.260	339.790	340.387	340.701	341.034	341.031	340.260	340.074	339.592	24
25	339.398	339.101	338.864	339.273	339.810	340.417	340.697	341.018	341.007	340.237	340.082	339.579	25
26	339.392	339.084	338.857	339.282	339.824	340.424	340.698	341.000	340.989	340.216	340.026	339.558	26
27	339.378	339.066	338.835	339.287	339.830	340.437	340.690	341.001	340.934	340.210	340.011	339.556	27
28	339.364	339.060	338.823	339.311	339.852	340.467	340.690	340.997	340.886	340.220	339.986	339.546	28
29	339.364	339.073	338.814	339.324	339.872	340.467	340.688	340.982	340.867	340.211	339.977	339.537	29
30	339.343		338.804	339.333	339.888	340.502	340.679	340.990	340.855	340.204	339.950	339.526	30
31	339.343		338.780		339.900		340.683	340.989		340.202		339.503	31
MEAN	339.448	339.184	338.955	339.089	339.625	340.305	340.640	340.888	340.985	340.447	340.188	339.708	MEAN
MAX	339.545	339.334	339.062	339.333	339.900	340.502	340.701	341.052	341.052	340.823	340.307	339.840	MAX
MIN	339.343	339.073	338.780	338.748	339.346	339.812	340.516	340.680	340.855	340.202	339.959	339.503	MIN

WATER LEVELS IN METRES

MEAN, 339.947
MAXIMUM DAILY, 341.052 ON AUG 23
MINIMUM DAILY, 338.748 ON APR 5
MAXIMUM INSTANTANEOUS,
341.078 AT 07:00 CST ON AUG 23

SUMMARY FOR THE YEAR 1988

TYPE OF GAUGE - RECORDING
LOCATION - LAT 48 30 00 N
LONG 93 36 20 W

A - MANUAL GAUGE

E - ESTIMATED

REGULATED SINCE 1914

WATER LEVELS ARE REFERRED TO UNITED STATES COAST AND GEODETIC SURVEY DATUM

NAMAKAN RIVER AT OUTLET OF LAC LA CROIX - STATION NO. 05PA005

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1988

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	47.4	43.8A	41.3	44.7	84.0	130	103	64.6	390	248	121	133	1
2	47.4	44.0A	41.2	44.8	84.8	132	101	68.7	404	241	118	124	2
3	47.2	43.8	41.0	45.1	85.8	129	100	68.1	416	233	118	126	3
4	47.0E	43.5A	41.0	45.7	86.5	126	98.8	67.2	425	228	116	126	4
5	46.9E	43.2A	41.0	45.8	86.9	127	99.1	69.2	431	221	114	127	5
6	46.7E	43.2	40.8	46.1	88.7	125	98.0	70.9	436	214	113	128	6
7	46.8E	43.2	40.7	46.8	89.1	124	96.1	72.8	439	207	113	128	7
8	46.9E	43.2A	41.5	47.5	89.8	125	94.2	74.3	437	202	111	129	8
9	46.4E	42.9	42.8	48.2	91.5	121	92.7	76.5	433	195	111	128	9
10	46.2E	42.7A	42.9	49.0	95.3	119	89.8	77.2	431	188	110	128	10
11	46.1E	42.7A	43.4	50.5	97.7	118	88.4	78.2	428	183	109	128	11
12	46.0E	42.8A	43.8	52.2	98.7	115	87.2	78.5	419	178	109	126	12
13	45.9E	42.8	44.2	53.7	102	116	85.1	82.1	411	173	109	128	13
14	45.7E	42.8	44.1	55.6	105	115	83.9	83.4	404	169	107	129	14
15	45.8E	42.5	44.2	57.6	107	114	91.5	100	397	165	108	129	15
16	45.5E	42.4	44.2	59.8	108	115	90.8	106	388	160	108	129	16
17	45.4E	42.3	43.8	61.5	111	114	89.1	130	378	157	110	128	17
18	45.1A	42.3	43.6	63.2	113	112	88.8	144	370	153	112	128	18
19	45.1	42.1	43.4	65.1	114	111	85.0	158	367	149	114	128	19
20	44.8	42.0	43.3	66.7	115	110	83.0	174	358	146	114	127	20
21	44.7	42.0	43.2	68.2	117	108	82.5	190	348	141	114	127	21
22	44.7	42.0	43.1	70.0	118	110	81.1	207	338	138	115	126	22
23	44.5	41.7	43.0	71.7	120	110	78.2	228	325	137	115	128	23
24	44.3	41.7	43.1	73.4	122	109	77.0	249	315	134	118	125	24
25	44.3	41.8	44.1	74.8	123	107	75.8	268	304	131	117	124	25
26	44.1	41.6	44.1	76.3	124	107	73.8	288	295	130	117	123	26
27	44.0	41.5	44.1	78.1	126	107	72.7	308	283	128	118	123	27
28	43.9	41.5	44.4	79.5	126	106	70.2	328	275	124	121	123	28
29	43.9	41.5	44.8	80.9	128	106	68.2	348	268	124	122	120A	29
30	43.7		44.8	82.6	130	105	66.5	361	267	124	122	120	30
31	44.2		44.7		130		65.4	375		122		120	31
TOTAL	1 409.8	1 232.8	1 335.3	1 805.4	3 321.7	3 479	2 855.9	5 005.5	11 170	5 244	3 424	3 907	TOTAL
MEAN	45.5	42.5	43.1	58.2	107	116	85.7	161	372	169	114	126	MEAN
MAX	47.4	44.0	44.8	82.6	130	132	103	375	439	248	132	129	MAX
MIN	43.7	41.5	40.8	44.7	84.0	105	65.4	64.6	267	122	107	120	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 120
MAXIMUM DAILY, 439 ON SEP 7
MINIMUM DAILY, 40.6 ON MAR 8
MAXIMUM INSTANTANEOUS,
441 AT 14:13 CST ON SEP 7

SUMMARY FOR THE YEAR 1988

INTERNATIONAL GAUGING STATION
TYPE OF GAUGE - RECORDING
LOCATION - LAT 48 23 00 N
LONG 92 10 40 W
DRAINAGE AREA, 13 400 km²
A - MANUAL GAUGE

E - ESTIMATED
NATURAL FLOW

MONTHLY TOTAL DISCHARGE
IN CUBIC DECAMETRES

JAN	122 000	JUL	229 000
FEB	106 000	AUG	432 000
MAR	115 000	SEP	985 000
APR	156 000	OCT	463 000
MAY	287 000	NOV	295 000
JUN	301 000	DEC	336 000

TOTAL DISCHARGE, 3 900 000 dam³

NANTICOKE CREEK AT NANTICOKE - STATION NO. 02EC022

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1988

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	1.758	3.688	1.84 B	2.46	0.897	0.287	0.019	0.553	0.334	0.334	0.774	1.18	1
2	1.858	2.848	1.80 B	2.11	0.883	0.277	0.018	0.520	0.298	0.389	0.738	1.06	2
3	1.658	1.568	1.87 B	2.18	0.926	0.275	0.010	0.482	0.478	0.387	0.898	1.01	3
4	1.508	1.618	1.55 B	3.11	0.844	0.271	0.012	0.436	1.30	0.381	0.872	0.9508	4
5	1.468	1.368	1.54 B	2.58	0.811	0.277	0.008	0.380	1.06	0.354	0.887	0.854	5
6	1.408	1.318	1.48 B	2.11	0.742	0.296	0.007	0.420	0.715	0.344	0.818	0.798	6
7	1.388	1.288	1.56 B	2.10	0.671	0.267	0	0.508	0.567	0.367	1.56	0.740	7
8	1.328	1.258	1.80 B	1.94	0.648	0.269	0	0.414	0.478	0.323	2.71	0.7988	8
9	1.288	1.228	2.15 B	1.83	0.606	0.355	0.002	0.328	0.420	0.321	3.09	0.8178	9
10	1.248	1.208	2.57 B	1.44	0.573	0.413	0.003	0.283	0.353	0.388	3.43	0.8838	10
11	1.208	1.188	2.17 B	1.30	0.540	0.384	0	0.272	0.327	0.886	3.17	0.8178	11
12	1.178	1.178	1.85 B	1.28	0.513	0.357	0	0.585	0.298	0.890	2.43	0.4858	12
13	1.148	1.188	2.04	1.18	0.568	0.323	0	2.44	0.245	0.862	5.85	0.4858	13
14	1.128	1.158	1.86	1.12	0.534	0.296	0.012	2.83	0.271	0.718	5.47	0.4488	14
15	1.108	3.58	1.80 B	0.906	0.531	0.282	0.021	3.01	0.247	0.638	3.78	0.4388	15
16	3.43	6.47	1.55	0.810	0.858	0.257	0.031	2.81	0.232	0.583	2.74	0.4298	16
17	3.21	5.658	1.37 B	0.765	0.803	0.226	2.04	2.24	0.219	0.557	2.42	0.4308	17
18	3.08	5.608	1.26	0.714	1.04	0.192	4.12	1.86	0.265	0.798	2.06	0.4128	18
19	3.71	5.638	1.17 B	0.679	1.22	0.183	3.42	1.11	0.336	1.20	1.82	0.4068	19
20	4.36	5.458	1.11 B	0.858	1.41	0.083	1.78	0.887	0.382	1.45	2.43	0.5178	20
21	4.88	4.788	1.08 B	0.837	1.43	0.071	1.17	0.529	0.338	1.34	5.09	1.01	21
22	3.29	4.498	1.08 B	0.873	1.28	0.078	0.788	0.441	0.337	2.18	4.18	1.21	22
23	2.84	11.0 B	0.9858	0.872	1.08	0.074	0.874	0.384	0.384	1.95	2.89	2.06	23
24	2.63	8.208	1.03	0.883	0.882	0.068	1.74	0.385	0.385	3.30	2.38	2.30	24
25	2.43	4.888	3.24	0.763	0.767	0.083	2.03	0.384	0.819	5.82	2.10	2.08	25
26	2.048	2.508	9.10	0.698	0.857	0.041	2.43	0.437	0.501	2.86	1.87	1.89 B	26
27	1.718	1.888	6.48	0.678	0.870	0.030	1.94	0.420	0.412	2.04	1.88	2.06	27
28	1.628	1.768	4.44	0.678	0.818	0.034	1.45	0.458	0.388	1.63	1.58	5.98	28
29	1.508	1.708	3.76	0.741	0.443	0.032	1.08	0.470	0.380	1.31	1.46	4.80	29
30	1.578		3.33	0.858	0.305	0.018	0.779	0.442	0.368	1.10	1.31	3.56 B	30
31	3.808		2.82		0.352		0.810	0.373		0.938		2.79 B	31
TOTAL	97.18	98.13	71.295	38.128	24.130	6.039	26.424	26.810	12.848	38.223	72.893	42.975	TOTAL
MEAN	2.17	3.38	2.30	1.27	0.778	0.201	0.852	0.865	0.428	1.17	2.43	1.38	MEAN
MAX	4.88	11.0	9.10	3.11	1.43	0.413	4.12	3.01	1.30	5.82	5.09	5.98	MAX
MIN	1.10	1.18	0.885	0.637	0.352	0.018	0	0.272	0.219	0.321	0.667	0.408	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 1.43
MAXIMUM DAILY, 11.0B ON FEB 23
MINIMUM DAILY, 0 ON JUL 7

SUMMARY FOR THE YEAR 1988

TYPE OF GAUGE - RECORDING
LOCATION - LAT 42 48 34 N
LONG 80 04 35 W
DRAINAGE AREA, 181 km²

B - ICE CONDITIONS

REGULATED

MONTHLY TOTAL DISCHARGE
IN CUBIC DECAMETRES

JAN	5 800	JUL	2 280
FEB	5 480	AUG	2 330
MAR	6 180	SEP	1 110
APR	3 280	OCT	3 130
MAY	2 080	NOV	6 310
JUN	832	DEC	3 710

TOTAL DISCHARGE, 45 200 dam³

NAPANEE RIVER AT CAMDEN EAST - STATION NO. 02HM007

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1988

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	13.4 B	9.208	6.95	36.9	7.55	3.85	0.561E	0.848	0.870	0.884	1.77	3.93	1
2	12.2 B	10.0 B	5.94	37.8	7.20	3.49	0.547E	0.813	0.959	1.15	1.79	3.81	2
3	11.3 B	9.658	5.84	36.8	6.86	3.37	0.531E	0.808	0.879	1.26	1.72	3.78	3
4	10.7 B	9.308	5.84	36.4	6.67	3.19	0.524E	0.782	0.915	1.27	1.72	3.82	4
5	9.958	9.008	5.41	36.0	6.24	2.97	0.507E	0.757	0.934	1.33	1.67	3.68	5
6	9.458	8.658	5.30	36.8	5.05	2.89	0.491E	0.775	0.833A	1.26	1.92	3.32	6
7	8.858	8.308	5.40	35.1	5.81	2.92	0.472E	0.740	0.788A	1.20	1.96	3.34	7
8	9.208	7.958	5.34	33.6	5.38	2.33	0.478E	0.719	0.768A	1.15	2.07	3.31	8
9	10.0 B	7.858	7.88	31.5	5.19	2.20	0.514E	0.716	0.768A	1.09	2.32	3.15	9
10	11.4 B	7.308	9.11	28.7	4.85	2.08	0.561E	0.688E	0.853E	1.01	2.43	2.92	10
11	12.0 B	7.138	9.75	27.9	4.55	2.02	0.600E	0.678E	0.838E	1.01	2.51	2.85	11
12	11.5 B	6.958	9.48	26.0	4.28	1.89	0.688E	0.684E	1.02 A	0.942	2.42	2.41	12
13	11.0 B	6.808	8.95	24.5	4.18	1.69	0.732	0.685E	0.948E	0.885	2.62	2.20	13
14	10.6 B	6.608	8.55	22.9	3.93	1.54	0.893	0.828E	0.872A	0.803	2.98	1.91	14
15	10.1 B	6.458	8.57	21.3	3.70	1.42	0.892	0.848E	0.868E	0.789	2.95	1.84	15
16	9.808	6.658	8.88	18.8	5.33	1.24	0.878	0.808E	0.858A	0.786	2.68	1.71	16
17	9.508	6.858	9.43	18.0	4.98	1.16	1.03	0.858E	0.898E	0.746	2.60	1.78	17
18	9.308	6.888	9.74	16.7	4.88	1.08	1.03	0.880E	0.837E	0.809	2.76	1.77	18
19	9.008	6.848	9.39	15.1	5.83	0.850	1.00	0.838E	0.878A	0.889	2.86	1.78	19
20	9.609	6.778	8.84	13.9	5.42	0.674E	0.980	0.853E	0.824E	0.978	2.92	1.78	20
21	10.3 B	6.708	8.58	13.0	5.92	0.615E	0.952	0.711	0.872A	1.00	3.80	2.10	21
22	9.908	6.818	8.12	11.8	5.68	0.572E	0.978	0.711	0.873	1.31	3.97	2.17	22
23	9.408	6.61	8.67	10.8	5.41	0.547E	1.01	0.824	1.05	1.58	3.85	2.34	23
24	8.808	8.32	13.8	10.3	5.12	0.497E	1.02	1.11	0.998	1.91	3.93	2.47	24
25	8.608	8.25	16.9	9.48	4.88	0.521E	1.10	1.18	0.969	2.31	4.02	2.54	25
26	8.508	8.10	29.2	9.05	4.78	0.563E	1.14	1.17	0.975	2.25	3.91	2.50	26
27	8.358	7.77	36.0	8.55	4.57	0.554E	1.08	1.09	0.941	2.08	3.88	2.40	27
28	8.258	7.51	38.7	8.19	4.36	0.552E	0.991	1.14	0.983	2.11	4.06	3.13	28
29	8.108	7.26	40.4	7.87	4.12	0.582E	0.950	1.10	0.919	2.17	4.06	3.06	29
30	8.008		41.4	7.78	3.90	0.678E	0.918	1.11	0.883	2.04	3.86	2.88	30
31	8.308		40.6		3.79		0.845	1.03		1.85		3.06	31
TOTAL	303.99	224.25	443.76	659.52	162.11	67.585	24.666	25.364	27.343	40.970	88.43	83.56	TOTAL
MEAN	9.81	7.73	14.3	22.0	5.23	1.59	0.802	0.818	0.911	1.32	2.88	2.70	MEAN
MAX	13.4	10.0	41.4	36.9	7.55	3.85	1.14	1.17	1.05	2.31	4.06	3.93	MAX
MIN	8.00	6.45	5.30	7.78	3.70	0.497	0.472	0.808	0.788	0.746	1.67	1.71	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 9.82
MAXIMUM DAILY, 41.4 ON MAR 30
MINIMUM DAILY, 0.472E ON JUL 7
MAXIMUM INSTANTANEOUS,
41.9 AT 08:45 EST ON MAR 30

SUMMARY FOR THE YEAR 1988

TYPE OF GAUGE - RECORDING
LOCATION - LAT 44 20 03 N
LONG 76 50 15 W
DRAINAGE AREA, 894 km²
A - MANUAL GAUGE
B - ICE CONDITIONS
E - ESTIMATED
REGULATED

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	26 300	JUL	2 150
FEB	19 400	AUG	2 190
MAR	38 300	SEP	2 360
APR	57 000	OCT	3 540
MAY	14 000	NOV	7 470
JUN	4 110	DEC	7 220

TOTAL DISCHARGE, 184 000 dam³

NEEBING RIVER NEAR THUNDER BAY - STATION NO. 02AB002

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1988

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	0.0558	0.0488	0.0508	0.910B	0.795	1.28	0.147	0.120	1.06	0.527	0.939	1.47	1
2	0.0548	0.0488	0.0508	1.30 B	0.745	1.91	0.133	0.185	1.26	0.509	0.781	1.02	2
3	0.0548	0.0488	0.0508	1.80 B	0.783	2.06	0.134	0.146	1.07	0.475	0.845	1.03	3
4	0.0538	0.0488	0.0518	1.95 B	0.679	1.44	0.130	0.144	0.836	0.454	0.904	0.882	4
5	0.0528	0.0488	0.0518	2.04 B	0.810	1.08	0.134	0.267	0.586	0.435	0.981	0.7258	5
6	0.0528	0.0488	0.0528	2.08 B	0.867	0.823	0.129	0.288	0.452	0.431	0.980	0.6158	6
7	0.0518	0.0488	0.0538	2.12 B	0.813	0.630	0.139	0.306	0.388	0.414	0.944	0.5408	7
8	0.0518	0.0488	0.0538	2.15 B	0.806	0.670	0.129	0.282	0.312	0.405	0.872	0.4808	8
9	0.0508	0.0488	0.0548	2.17 B	1.76	0.597	0.120	0.272	0.292	0.384	0.898	0.4208	9
10	0.0508	0.0488	0.0558	2.18 B	3.17	0.470	0.113	0.231	0.244	0.363	1.28	0.3828	10
11	0.0508	0.0488	0.0568	2.18 B	3.75	0.377	0.120	0.180	0.228	0.328	1.28	0.3708	11
12	0.0508	0.0488	0.0578	2.16 B	3.25	0.314	0.120	0.179	0.232	0.323	1.28	0.3468	12
13	0.0498	0.0488	0.0588	2.11 B	3.50	0.285	0.164	0.321	0.188	0.298	1.89	0.3338	13
14	0.0498	0.0488	0.0598	2.02 B	3.16	0.347	0.122	0.529	0.186	0.313	1.75	0.3148	14
15	0.0498	0.0488	0.0608	1.95 B	2.75	0.448	0.144	0.468	0.186	0.302	1.74	0.3038	15
16	0.0498	0.0488	0.0628	1.83 B	2.64	0.333	0.130	0.512	0.195	0.411	8.72	0.2888	16
17	0.0488	0.0488	0.0648	1.64 B	2.48	0.305	0.116	1.03	0.232	0.562	13.3	0.2768	17
18	0.0488	0.0488	0.0658	1.48 B	1.81	0.249	0.122	0.804	0.236	0.724	7.60	0.2668	18
19	0.0488	0.0488	0.0668	1.32 A	1.74	0.259	0.125	0.578	0.317	0.752	5.88	0.2578	19
20	0.0488	0.0488	0.0678	1.10 E	1.40	0.261	0.127	0.410	1.61	0.722	5.27	0.2508	20
21	0.0488	0.0488	0.0688	0.930E	1.30	0.230	0.118	0.330	1.58	0.773	3.85	0.2448	21
22	0.0488	0.0488	0.0718	0.780E	1.31	0.209	0.122	0.335	1.29	0.883	3.62	0.2388	22
23	0.0488	0.0488	0.0728	0.685E	1.19	0.188	0.131	0.801	1.07	0.859	3.02	0.2328	23
24	0.0418	0.0488	0.0748	0.725E	1.06	0.224	0.134	1.38	0.834	1.84	2.33	0.2278	24
25	0.0488	0.0488	0.1008	0.770E	0.918	0.210	0.123	1.15	0.842	1.84	2.28	0.2238	25
26	0.0488	0.0488	0.1408	0.830A	0.812	0.191	0.121	0.874	0.597	1.61	2.27	0.2188	26
27	0.0488	0.0488	0.1908	0.881	1.41	0.180	0.117	0.750	0.656	1.38	2.27	0.2138	27
28	0.0488	0.0488	0.2808	0.770	1.62	0.184	0.114	0.848	0.656	1.80	2.09	0.2098	28
29	0.0488	0.0488	0.3708	0.703	1.83	0.180	0.240	0.814	0.641	1.34	1.75	0.2048	29
30	0.0488		0.4908	0.684	1.20	0.162	0.151	0.677	0.626	1.07	1.61	0.2018	30
31	0.0488		0.6808		1.16		0.128	0.489		0.993		0.1978	31
TOTAL	1.539	1.395	3.630	44.258	51.618	16.088	4.078	15.578	18.462	23.330	81.902	12.556	TOTAL
MEAN	0.050	0.048	0.117	1.48	1.67	0.536	0.132	0.502	0.648	0.753	2.73	0.405	MEAN
MAX	0.055	0.049	0.680	2.19	3.75	2.06	0.240	1.38	1.61	1.84	13.3	1.07	MAX
MIN	0.048	0.048	0.050	0.684	0.745	0.162	0.113	0.120	0.186	0.298	0.781	0.197	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 0.782
MAXIMUM DAILY, 13.3 ON NOV 17
MINIMUM DAILY, 0.0488 ON JAN 18
MAXIMUM INSTANTANEOUS,
14.1 AT 02:03 EST ON NOV 17

SUMMARY FOR THE YEAR 1988

TYPE OF GAUGE - RECORDING
LOCATION - LAT 48 22 56 N
LONG 89 18 28 W
DRAINAGE AREA, 187 km²
A - MANUAL GAUGE
B - ICE CONDITIONS
E - ESTIMATED
NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	133	JUL	352
FEB	121	AUG	1 350
MAR	314	SEP	1 680
APR	3 820	OCT	2 020
MAY	4 450	NOV	7 080
JUN	1 390	DEC	1 090

TOTAL DISCHARGE, 23 800 dam³

NIAGARA RIVER AT QUEENSTON - STATION NO. 02HA003

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1988

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	6 880	6 070	6 110	6 220	6 020	6 320	5 800	5 870	5 820	5 420	5 520	5 780	1
2	6 840	6 120	6 200	5 710	6 410	6 300	5 590	5 810	5 760	5 260	5 520	6 220	2
3	6 230	6 050	6 010	5 740	6 380	6 140	5 370	6 000	5 450	5 560	5 540	6 410	3
4	6 860	6 000	6 050	6 340	6 230	6 030	5 460	5 920	5 450	5 690	5 530	5 660	4
5	6 980	6 020	5 840	6 310	6 430	6 140	5 670	6 000	5 670	5 580	5 320	5 900	5
6	5 780	5 980	5 810	6 320	6 090	6 270	5 700	5 880	5 970	5 820	5 720	6 030	6
7	5 230	5 670	6 190	6 280	6 290	6 380	5 750	5 840	5 680	5 810	5 770	5 770	7
8	5 520	6 150	6 090	6 260	5 940	6 180	5 770	6 110	5 790	5 310	5 850	5 940	8
9	5 520	6 080	6 200	5 890	6 350	6 130	5 480	5 970	5 870	5 210	5 500	5 780	9
10	5 810	6 120	6 230	5 770	6 370	6 100	5 400	5 950	5 840	5 970	6 010	5 520	10
11	6 290	5 820	6 170	6 030	6 700	6 020	5 650	5 940	5 280	6 100	6 080	4 920	11
12	6 300	6 200	5 890	5 990	6 470	5 880	5 820	6 000	5 730	6 010	5 200	6 590	12
13	6 450	6 300	6 070	5 940	6 510	6 270	5 730	5 730	5 860	5 570	5 740	5 770	13
14	6 030	5 790	6 280	6 870	6 060	6 170	5 940	5 740	5 750	5 800	6 030	5 590	14
15	5 980	6 200	6 280	5 860	6 330	5 700	6 280	5 520	5 400	5 500	5 500	6 870	15
16	5 740	6 210	6 290	6 030	6 420	6 090	5 630	5 990	5 460	5 180	5 750	5 830	16
17	5 850	6 120	6 260	5 790	6 430	6 220	5 500	6 160	5 290	5 820	6 650	6 280	17
18	6 050	6 140	6 200	6 140	6 180	5 700	5 830	5 710	5 460	6 690	6 030	5 370	18
19	6 030	6 090	5 820	6 340	6 170	5 580	5 890	5 740	5 670	6 480	5 270	5 740	19
20	6 180	6 140	6 000	6 550	6 430	6 080	5 770	5 390	5 660	6 690	5 220	5 730	20
21	6 350	6 080	6 180	6 590	6 050	6 090	5 610	5 600	5 610	6 530	5 850	5 710	21
22	6 240	6 280	6 020	6 440	5 910	6 110	5 760	5 690	5 620	5 320	5 610	5 430	22
23	6 120	6 410	6 110	6 090	6 300	6 010	5 490	5 730	5 660	5 210	5 520	6 620	23
24	6 000	6 320	6 180	6 690	6 500	5 870	5 620	6 030	5 430	6 120	6 320	5 270	24
25	6 310	6 380	6 150	6 870	6 380	5 770	5 890	6 190	5 070	6 390	5 320	6 650	25
26	6 400	6 180	6 110	6 600	6 510	5 300	5 870	6 070	6 630	5 980	5 540	5 540	26
27	6 290	5 980	6 290	6 400	6 580	5 800	6 000	5 710	5 580	6 660	5 670	5 440	27
28	6 370	6 680	6 350	6 460	6 120	6 050	6 040	6 660	6 330	6 350	6 040	5 890	28
29	6 110	6 110	6 290	6 650	6 030	6 020	6 040	6 800	6 070	6 650	6 100	6 010	29
30	5 870		6 280	6 270	6 130	5 820	5 730	6 880	6 620	5 300	6 080	6 660	30
31	6 800		6 250		6 350		5 780	6 840		5 730		6 620	31
TOTAL	190 280	176 780	190 190	186 480	194 550	181 270	177 840	182 230	166 300	174 480	170 380	176 810	TOTAL
MEAN	6 140	6 100	6 140	6 220	6 280	6 040	5 740	5 880	5 610	5 630	5 680	5 700	MEAN
MAX	6 980	6 410	6 390	6 690	6 700	6 380	6 040	6 280	6 070	6 390	6 ESS	6 410	MAX
MIN	5 230	5 670	5 890	5 710	5 890	5 300	5 370	5 390	5 070	5 180	5 200	4 920	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 5 930
MAXIMUM DAILY, 6 980 ON JAN 5
MINIMUM DAILY, 4 930 ON DEC 11

DATA CONTRIBUTED BY -
INTERNATIONAL NIAGARA COMMITTEE

REMARKS - DISCHARGES INCLUDE FLOW FROM WELLAND CANAL TO WELLAND RIVER

SUMMARY FOR THE YEAR 1988

TYPE OF GAUGE - POWER PLANT
LOCATION - LAT 43 08 25 N
LONG 79 02 50 W
DRAINAGE AREA, 665 000 km²

REGULATED SINCE 1955

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	15 400 000	JUL	15 400 000
FEB	15 300 000	AUG	16 700 000
MAR	15 400 000	SEP	14 500 000
APR	15 100 000	OCT	15 100 000
MAY	15 800 000	NOV	14 700 000
JUN	15 700 000	DEC	15 300 000

TOTAL DISCHARGE, 187 000 000 dam³

NIPISSING RIVER AT PINE PORTAGE - STATION NO. 02AD008

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1988

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	177	336	284	166	116	283	114	111	328	532	571	401	1
2	336	352	331	113	131	163	120	228	326	533	511	402	2
3	126	353	306	183	193	135	117	225	313	546	464	402	3
4	278	353	307	100	109	130	133	180	301	571	481	404	4
5	352	381	303	107	131	135	141	170	233	571	456	405	5
6	343	382	302	124	117	264	109	116	274	570	457	402	6
7	345	379	359	122	114	139	105	137	327	568	457	404	7
8	345	352	362	125	117	136	112	180	316	572	455	404	8
9	267	352	346	115	215	139	126	207	318	573	431	405	9
10	264	350	322	120	316	134	124	239	320	571	402	405	10
11	311	384	353	121	176	107	122	214	322	572	389	403	11
12	377	380	396	126	103	110	145	252	280	571	401	401	12
13	386	319	315	116	117	156	129	223	286	568	400	404	13
14	413	308	343	120	134	140	136	116	256	570	402	403	14
15	342	336	355	119	173	116	108	183	307	567	403	405	15
16	358	357	377	120	116	128	112	173	308	567	402	405	16
17	295	357	352	112	223	116	112	126	278	567	396	403	17
16	345	352	393	190	303	111	113	113	257	569	402	405	16
19	301	360	411	165	314	111	125	112	317	567	401	406	19
20	307	365	346	270	309	226	124	251	311	569	401	405	20
21	305	366	378	231	361	122	124	316	335	568	403	406	21
22	353	375	386	116	190	122	120	316	330	570	403	404	22
23	316	346	307	116	262	116	121	316	376	572	406	402	23
24	320	367	272	117	174	166	122	311	376	571	401	404	24
25	306	350	337	134	176	116	171	311	366	566	403	406	25
26	352	366	216	113	204	114	116	311	396	566	406	405	26
27	387	311	187	116	185	146	116	316	392	570	382	404	27
28	350	300	216	309	189	147	164	317	396	532	403	404	28
29	344	285	217	106	163	116	224	314	496	566	403	404	29
30	301		190	116	236	111	120	316	542	566	404	405	30
31	302		200		355		106	317		570		404	31
TOTAL	9 805	10 140	9 566	4 121	6 065	4 324	3 953	7 027	10 016	17 616	12 669	12 621	TOTAL
MEAN	320	360	316	137	195	164	128	227	334	565	423	404	MEAN
MAX	413	384	411	270	361	383	224	317	542	573	571	406	MAX
MIN	125	285	190	100	163	107	105	111	233	532	382	401	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 295
MAXIMUM DAILY, 573 ON OCT 9
MINIMUM DAILY, 100 ON APR 4

DATA CONTRIBUTED BY -
ONTARIO HYDRO

SUMMARY FOR THE YEAR 1988

TYPE OF GAUGE - POWER PLANT
LOCATION - LAT 46 16 36 N
LONG 66 16 40 W
DRAINAGE AREA, 24 600 km²

REGULATED

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	656 000	JUL	342 000
FEB	676 000	AUG	507 000
MAR	654 000	SEP	665 000
APR	356 000	OCT	1 510 000
MAY	523 000	NOV	1 100 000
JUN	374 000	DEC	1 080 000

TOTAL DISCHARGE, 9 340 000 dam³

MISSOURI CREEK NEAR EMBRO - STATION NO. 02GD022

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1988

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	0.217	0.927	0.1328	0.494	0.139	0.034	0.004	0.084	0.003	0.024	0.130	0.088	1
2	0.1888	0.4008	0.1308	0.443	0.123	0.039	0.005	0.058	0.003	0.072	0.117	0.102	2
3	0.1708	0.3508	0.1328	0.905	0.113	0.036	0.004	0.025	0.012	0.063	0.109	0.114	3
4	0.1638	0.2408	0.1408	1.28	0.099	0.031	0.003	0.015	0.361	0.040	0.133	0.121	4
5	0.1388	0.2008	0.1378	0.767	0.095	0.023	0.003	0.015	0.205	0.041	0.483	0.134	5
6	0.1238	0.1808	0.1408	0.588	0.086	0.017	0.003	0.038	0.060	0.036	0.818	0.158	6
7	0.1138	0.1408	0.8008	0.462	0.080	0.015	0.002	0.017	0.031	0.048	0.883	0.180	7
8	0.1008	0.1258	2.00 B	0.381	0.069	0.015	0.001	0.010	0.018	0.047	0.855	0.1708	8
9	0.0838	0.1158	3.53	0.304	0.063	0.016	0.001	0.006	0.015	0.041	0.745	0.1408	9
10	0.0878	0.1108	1.73	0.261	0.130	0.012	0.001	0.107	0.015	0.092	1.05	0.1108	10
11	0.0808	0.1078	1.27	0.229	0.099	0.009	0.001	0.025	0.014	0.491	0.754	0.0908	11
12	0.0788	0.1038	0.672	0.212	0.090	0.008	0.001E	0.013	0.013	0.221	0.500	0.0708	12
13	0.0738	0.1008	0.701	0.190	0.084	0.007	0.001E	0.010	0.020	0.142	1.73	0.0808	13
14	0.0718	0.1058	0.4118	0.212	0.069	0.008	0.001E	0.008	0.020	0.110	1.11	0.0788	14
15	0.0898	0.3008	0.3188	0.241	0.078	0.007	0.001E	0.014	0.014	0.091	0.573	0.0768	15
16	0.0888	0.4008	0.308	0.199	0.238	0.006	0.005E	0.013	0.013	0.097	0.418	0.0738	16
17	0.1508	0.3008	0.2658	0.190	0.194	0.008	0.020E	0.005	0.056	0.121	0.344	0.0708	17
18	0.3508	0.2208	0.281	0.231	0.137	0.007	0.018E	0.004	0.035	0.734	0.228	0.0888	18
19	0.3308	0.1808	0.2758	0.193	0.130	0.005	0.017E	0.003	0.033	0.377	0.188	0.0888	19
20	0.4008	0.1508	0.2748	0.184	0.302	0.004	0.018A	0.003	0.027	0.308	0.715	0.4308	20
21	0.3008	0.1408	0.2738	0.230	0.727	0.004	0.013	0.003	0.026	0.212	1.48	0.478	21
22	0.2108	0.1488	0.2728	0.188	0.493	0.004	0.029	0.003	0.027	0.228	0.847	0.274	22
23	0.1808	0.1808	1.10 B	0.220	0.297	0.005	0.075	0.003	0.118	0.189	0.393	0.828	23
24	0.1308	0.1808	1.72	0.199	0.211	0.005	0.058	0.008	0.060	0.246	0.278	0.624	24
25	0.1108	0.1708	2.43	0.185	0.183	0.004	0.037	0.011	0.035	0.383	0.207	0.405	25
26	0.1008	0.1608	2.41	0.185	0.122	0.003	0.038	0.008	0.026	0.285	0.187	0.3208	26
27	0.0948	0.1508	1.47	0.153	0.098	0.004	0.017	0.006	0.025	0.204	0.182	0.9808	27
28	0.0908	0.1428	0.843	0.148	0.085	0.003	0.083	0.007	0.019	0.213	0.128	2.92	28
29	0.0888	0.1378	0.967	0.148	0.082	0.005	0.024	0.009	0.019	0.185	0.090	1.08	29
30	0.3008		0.874	0.170	0.048	0.008	0.058	0.007	0.018	0.148	0.088	0.5808	30
31	0.9808		0.825		0.038		0.082	0.005		0.130		0.3708	31
TOTAL	5.818	6.127	26.837	9.783	4.778	0.382	0.621	0.541	1.344	5.576	15.882	11.387	TOTAL
MEAN	0.181	0.211	0.868	0.326	0.164	0.012	0.020	0.017	0.045	0.180	0.518	0.367	MEAN
MAX	0.980	0.927	3.53	1.28	0.727	0.039	0.083	0.107	0.361	0.734	1.73	2.92	MAX
MIN	0.088	0.100	0.130	0.148	0.038	0.003	0.001	0.003	0.003	0.034	0.088	0.088	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 0.242
MAXIMUM DAILY, 3.53 ON MAR 9
MINIMUM DAILY, 0.001 ON JUL 8
MAXIMUM INSTANTANEOUS,
6.84 AT 01:47 EST ON DEC 28

REMARKS - DATA FOR 1975-77, 1984-85 AVAILABLE FROM ONDE

SUMMARY FOR THE YEAR 1988

TYPE OF GAUGE - RECORDING
LOCATION - LAT 43 07 48 N
LONG 80 57 48 W
DRAINAGE AREA, 29.1 km²
A - MANUAL GAUGE
B - ICE CONDITIONS
E - ESTIMATED
NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	485	JUL	53.7
FEB	528	AUG	46.7
MAR	2 320	SEP	116
APR	843	OCT	482
MAY	413	NOV	1 380
JUN	30.4	DEC	984

TOTAL DISCHARGE, 7 850 dam³

NITH RIVER ABOVE NITHBURG - STATION NO. 02GA038

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1988

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	1.70 B	42.7	1.808	8.58	1.38	0.183	0.020	0.888	0.072	0.107	1.38	2.04	1
2	1.45 B	9.15	1.758	5.57	1.17	0.168	0.015	0.548	0.062	0.203	1.17	2.06	2
3	1.25 B	5.008	1.738	28.1	1.00	0.161	0.016	0.348	0.857	0.855	1.00	1.70 B	3
4	1.10 B	3.008	1.708	34.1	0.888	0.132	0.014	0.450	1.07	0.671	0.921	1.43 B	4
5	4.9208	2.708	1.808	14.1	0.738	0.125	0.012	0.706	1.13	0.480	2.20	1.52 B	5
6	0.8708	2.308	1.808	7.83	0.638	0.125	0.010	0.386	0.813	0.330	8.71	1.20 B	6
7	0.8308	2.108	2.508	4.98	0.542	0.130	0.008	0.289	0.383	0.265	5.65	1.10 B	7
8	0.8008	1.858	5.008	3.57	0.458	0.124	0.008	0.273	0.270	0.219	8.10	0.9208	8
9	0.7608	1.808	12.0 B	2.70	0.484	0.139	0.006	0.332	0.225	0.185	8.53	0.8008	9
10	0.7308	1.688	33.0 B	2.14	0.805	0.122	0.003	0.182	0.178	0.273	23.1	0.7208	10
11	0.7108	1.588	27.0 B	1.77	0.798	0.115	0.015	0.158	0.148	4.48	15.6	0.6508	11
12	0.8508	1.488	23.4	1.48	0.613	0.100	0.012	0.130	0.117	3.57	7.03	0.6008	12
13	0.8808	1.438	12.0	1.28	0.528	0.090	0.008	0.112	0.117	1.88	18.2	0.5558	13
14	0.8808	1.808	8.54	1.25	0.485	0.082	0.003	0.104	0.100	1.15	15.8	0.5408	14
15	0.8208	2.258	4.71	1.35	0.434	0.045	0.002	0.098	0.084	0.789	8.70	0.5208	15
16	0.8008	2.708	3.51	1.21	0.884	0.088	0.057	0.084	0.080	0.587	4.44	0.5108	16
17	1.40 B	3.508	2.97	1.08	0.818	0.087	0.181	0.080	0.068	0.470	5.27	0.4908	17
18	8.50 B	3.308	2.62	1.22	0.695	0.085	0.088	0.068	0.127	0.805	3.84	0.4808	18
19	8.00 B	3.208	2.79	1.19	0.536	0.081	0.840	0.067	0.132	1.79	2.83	0.4708	19
20	8.40 B	3.008	2.48	1.14	0.508	0.058	0.024	0.060	0.132	1.33	3.52	0.8008	20
21	18.1	2.858	2.24	2.07	0.518	0.042	0.044	0.057	0.154	0.901	17.7	7.00 B	21
22	8.87	2.708	1.92	2.13	0.830	0.038	0.271	0.059	0.161	0.807	8.36	4.80 B	22
23	4.83	2.818	14.1 B	2.20	0.832	0.034	0.483	0.068	0.208	0.735	4.74	4.30 B	23
24	2.87	2.408	57.8 B	2.90	0.883	0.036	0.266	0.082	0.216	0.903	3.38	5.80 B	24
25	1.97	2.358	88.2 B	2.28	0.480	0.028	0.228	0.093	0.224	3.48	2.71	3.63	25
26	1.54	2.108	58.8	1.82	0.368	0.018	0.162	0.082	0.222	8.38	2.26	2.13	26
27	1.10 B	2.008	28.8	1.57	0.325	0.015	0.128	0.085	0.195	8.09	2.27	4.17	27
28	0.8208	1.888	9.87	1.48	0.285	0.018	0.080	0.104	0.168	5.82	2.40	23.0 B	28
29	0.8008	1.888	13.7	1.38	0.241	0.017	0.058	0.088	0.154	4.48	2.21	10.8	29
30	1.50 B		15.4	1.43	0.218	0.018	1.13	0.078	0.132	2.52	2.00	8.36	30
31	20.0 B		9.01		0.188		2.18	0.077		1.71		4.82	31
TOTAL	85.060	117.63	413.84	139.83	18.302	3.357	5.557	6.200	7.818	58.845	191.481	85.115	TOTAL
MEAN	3.07	4.05	13.3	4.66	0.623	0.078	0.179	0.200	0.264	1.83	8.38	3.07	MEAN
MAX	20.0	42.7	88.8	34.1	1.38	0.183	2.18	0.888	1.13	8.38	23.1	23.0	MAX
MIN	0.800	1.43	1.80	1.08	0.188	0.015	0.002	0.058	0.062	0.107	0.921	0.470	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 3.15
MAXIMUM DAILY, 88.8 ON MAR 26
MINIMUM DAILY, 0.002 ON JUL 16
MAXIMUM INSTANTANEOUS,
103 AT 22:06 EST ON MAR 26

SUMMARY FOR THE YEAR 1988

TYPE OF GAUGE - RECORDING
LOCATION - LAT 43 29 03 N
LONG 80 50 06 W
DRAINAGE AREA, 326 km²

B - ICE CONDITIONS

NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	8 210	JUL	480
FEB	10 100	AUG	535
MAR	35 600	SEP	858
APR	12 100	OCT	5 170
MAY	1 670	NOV	18 500
JUN	205	DEC	8 220

TOTAL DISCHARGE, 99 800 dam³

NITH RIVER AT NEW HAMBURG - STATION NO. 02GA018

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1988

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	4.02	50.7 B	2.628	11.2	3.66	0.665	0.251	3.30	0.386	0.383	3.28	3.80	1
2	2.46	24.0	2.58	9.89	3.24	0.628	0.264	1.66	0.337	0.549	2.86	3.82	2
3	2.54	6.76	2.72	23.3	2.69	0.625	0.242	1.07	1.15	0.850	2.24	3.67	3
4	2.49	7.86	2.72	56.2	2.29	0.567	0.239	0.816	3.42	0.675	1.86	2.84	4
5	1.71	5.00E	2.24	27.6	2.13	0.549	0.256	1.44	3.39	0.886	2.73	3.49	5
6	1.74	4.10E	2.43	15.4	1.86	0.502	0.259	1.43	2.44	0.864	12.4	3.23	6
7	1.67	3.76E	3.33	10.3	1.67	0.511	0.262	0.836	1.46	0.737	12.1	2.81	7
8	1.44	3.48E	8.50	7.62	1.47	0.548	0.202	0.695	1.07	0.674	8.31	2.56	8
9	1.37	3.20E	23.0	6.48	1.40	0.456	0.184	0.584	0.867	0.557	14.7	2.08	9
10	1.33	3.00E	44.7	5.44	1.90	0.493	0.218	0.475	0.786	0.882	20.4	1.64	10
11	1.33	2.70E	39.5	4.63	2.08	0.467	0.263	0.495	0.658	4.33	31.6	1.73	11
12	1.26	2.50E	32.3	3.81	1.86	0.435	0.327	0.481	0.596	6.92	14.5	1.93	12
13	1.30	2.26	20.7	3.30	1.67	0.430	0.266	0.456	0.577	4.46	15.4	1.73	13
14	1.23	2.56	12.3	3.10	1.81	0.395	0.266	0.443	0.609	2.83	29.6	1.48	14
15	1.06	2.90	9.12	3.86	1.58	0.408	0.230	0.480	0.645	1.83	14.1	1.41	15
16	1.01	4.24	7.84	3.50	3.09	0.404	0.343	0.382	0.506	1.46	9.03	1.24	16
17	1.28	5.86	5.86	2.97	3.73	0.370	0.821	0.333	0.554	1.21	8.51	1.15	17
18	7.74B	5.46	5.80	3.17	2.85	0.360	0.847	0.323	0.636	1.86	7.86	1.07	18
19	10.6 B	5.15	5.84	3.21	2.26	0.347	0.560	0.313	0.566	2.60	6.26	1.04	19
20	6.68B	4.62	5.37	2.83	2.04	0.366	0.401	0.314	0.858	2.80	6.36	1.31	20
21	17.8 B	3.86	4.46	3.72	2.15	0.296	0.383	0.276	0.665	2.14	21.5	5.76	21
22	9.46B	3.40B	4.84	4.81	4.12	0.261	0.365	0.296	0.535	1.84	16.2	6.81	22
23	6.04B	3.30B	7.07	4.61	3.82	0.271	0.420	0.305	0.503	1.60	10.0	6.22	23
24	4.73B	3.18B	76.4 B	5.87	3.01	0.270	0.445	0.372	0.558	1.87	7.47	9.00	24
25	3.26B	3.05B	83.4 B	5.48	1.92	0.292	0.761	0.486	0.575	4.30	5.88	7.22	25
26	2.37B	2.95B	86.0	4.33	1.81	0.274	0.573	0.447	0.418	8.78	5.30	4.38	26
27	1.78B	2.85B	82.4	3.72	1.42	0.288	0.458	0.401	0.447	15.2	4.88	4.82	27
28	1.77B	2.75B	20.0	3.82	1.26	0.281	0.387	0.387	0.454	9.44	4.73	28.0	28
29	1.90B	2.70B	17.5	3.37	1.00	0.253	0.380	0.350	0.410	8.81	4.47	22.3	29
30	1.95B		23.2	3.80	0.885	0.252	1.66	0.356	0.408	8.07	4.04	10.3	30
31	10.2 B		17.4		0.788		5.64	0.391		4.25		7.85	31
TOTAL	117.52	179.86	816.88	253.08	86.926	12.287	16.744	20.288	26.317	101.927	312.00	159.49	TOTAL
MEAN	3.79	6.21	20.0	8.44	2.16	0.410	0.905	0.654	0.877	3.28	10.4	5.14	MEAN
MAX	17.8	50.7	86.0	56.2	4.12	0.665	5.64	3.30	3.42	15.2	31.6	28.0	MAX
MIN	1.01	2.26	2.24	2.83	0.788	0.252	0.184	0.276	0.337	0.383	1.86	1.04	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 5.16
MAXIMUM DAILY, 86.0 ON MAR 26
MINIMUM DAILY, 0.184 ON JUL 9
MAXIMUM INSTANTANEOUS,
112 AT 09:13 EST ON MAR 26

SUMMARY FOR THE YEAR 1988

TYPE OF GAUGE - RECORDING
LOCATION - LAT 43 22 39 N
LONG 80 42 41 W
DRAINAGE AREA, 953 km²

B - ICE CONDITIONS

NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	10 200	JUL	1 620
FEB	15 600	AUG	1 780
MAR	53 500	SEP	2 270
APR	21 900	OCT	8 810
MAY	5 780	NOV	27 000
JUN	1 080	DEC	13 900

TOTAL DISCHARGE, 163 000 dam³

NITH RIVER NEAR CANNING - STATION NO. 02GA010

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1988

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	12.3	18.0 B	7.10B	24.7	8.46	3.82	1.88	9.77	2.08	2.49	7.84	8.08	1
2	8.26	61.8	7.00B	18.8	7.70	3.43	1.87	7.53	2.04	2.66	6.86	7.87	2
3	8.16	27.0	6.90B	19.6	7.22	3.32	1.88	5.02	2.33	3.75	6.02	7.48	3
4	7.30B	14.5	6.80B	47.4	6.70	3.23	1.82	4.18	3.03	3.52	5.80	7.13	4
5	6.70B	11.9	6.70B	69.2	6.11	3.11	1.71	3.73	4.84	3.22	5.62	6.39	5
6	6.30B	9.86	6.60B	34.1	5.87	3.04	1.73	3.50	6.15	3.30	6.07	6.71	6
7	5.90B	9.10B	6.50B	23.5	5.80	2.94	1.73	3.76	4.44	3.34	16.6	6.85	7
8	5.60B	8.40B	6.00B	17.5	5.32	2.89	1.73	3.46	3.74	3.27	17.7	6.32	8
9	5.30B	8.00B	17.0 B	14.2	5.32	2.83	1.85	3.07	3.08	3.12	15.4	5.68	9
10	5.10B	7.80B	32.0 B	12.1	5.44	2.78	1.83	3.14	2.82	3.20	21.4	5.30	10
11	4.90B	7.50B	56.0 B	10.6	5.55	2.78	1.78	2.87	2.81	4.60	28.7	4.24	11
12	4.70B	7.30B	60.6	8.84	5.71	2.85	1.85	2.76	2.46	8.89	35.6	4.40B	12
13	4.50B	7.10B	39.8	8.78	5.33	2.80	1.88	2.92	2.42	9.88	22.4	4.61B	13
14	4.30B	6.80B	26.2	8.57	5.10	2.81	2.00	2.78	2.40	7.78	27.4	4.40B	14
15	4.20B	6.70B	19.0	8.86	5.06	2.42	1.93	2.88	2.39	5.88	35.1	4.20B	15
16	4.00B	7.80B	14.8	8.86	7.03	2.35	2.25	2.76	2.29	4.91	19.6	4.10B	16
17	3.80B	8.10B	12.7	8.32	8.37	2.29	3.06	2.60	2.56	4.46	13.8	4.00B	17
18	4.60B	10.2 B	10.7	8.54	8.36	2.27	3.26	2.30	2.78	5.81	12.6	3.90B	18
19	14.0 B	12.0 B	10.6	8.17	7.49	2.34	3.45	2.17	2.58	6.47	12.0	3.85B	19
20	20.0 B	11.1 B	9.86	7.93	6.79	2.23	2.86	2.21	2.59	6.29	11.1	3.80B	20
21	18.5 B	10.0 B	9.35	8.09	6.54	2.18	2.82	2.04	2.45	6.92	15.8	6.90B	21
22	23.0 B	9.30B	8.42	8.13	6.76	2.15	2.80	1.88	2.80	6.73	29.6	8.20B	22
23	18.0 B	8.90B	8.86	9.23	7.45	2.17	2.87	2.15	2.84	5.72	24.4	20.0 B	23
24	12.0 B	8.50B	32.5	8.57	7.42	2.09	3.29	2.23	2.80	5.53	16.1	19.0 B	24
25	9.00B	8.10B	86.0	10.2	8.53	2.12	3.02	2.21	2.76	5.73	12.7	18.5 B	25
26	7.60B	7.60B	90.2	9.65	5.80	2.00	3.15	2.19	2.80	7.41	10.8	15.0 B	26
27	6.50B	7.60B	105	8.66	4.96	1.99	2.84	2.25	2.85	11.6	9.80	13.0 B	27
28	6.20B	7.40B	61.8	8.30	4.64	1.95	2.83	2.30	2.48	18.6	9.48	17.0 B	28
29	6.00B	7.30B	26.9	8.28	4.29	1.93	2.84	2.24	2.48	13.6	8.92	84.0 B	29
30	5.90B		29.5	8.55	4.06	1.92	3.11	2.28	2.52	12.4	8.44	28.5	30
31	6.30B		32.6		3.85		8.18	2.15		9.93		18.8	31
TOTAL	258.04	334.88	840.83	447.71	188.84	75.98	79.12	97.22	85.15	199.08	476.63	328.71	TOTAL
MEAN	8.32	11.6	27.1	14.9	6.15	2.63	2.55	3.14	2.84	6.42	15.9	10.5	MEAN
MAX	23.0	61.8	105	69.2	8.46	3.82	8.18	9.77	6.15	18.6	35.6	84.0	MAX
MIN	3.80	6.70	6.60	7.93	3.85	1.92	1.83	1.88	2.04	2.49	5.80	3.80	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 9.32
MAXIMUM DAILY, 105 ON MAR 27
MINIMUM DAILY, 1.83 ON JUL 10
MAXIMUM INSTANTANEOUS,
120 AT 10:06 EST ON MAR 27

SUMMARY FOR THE YEAR 1988

TYPE OF GAUGE - RECORDING
LOCATION - LAT 43 11 36 N
LONG 80 27 17 W
DRAINAGE AREA, 1 030 km²

B - ICE CONDITIONS

NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	22 300	JUL	9 840
FEB	26 900	AUG	8 400
MAR	72 600	SEP	7 350
APR	38 700	OCT	17 200
MAY	16 500	NOV	41 100
JUN	8 570	DEC	28 200

TOTAL DISCHARGE, 295 000 dam³

NOLIN CREEK AT SUDBURY - STATION NO. 02CF005

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1988

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	0.0828	0.0978	0.0468	2.30 B	0.150	0.172	0.030	0.014	0.108	0.796	0.426	0.3408	1
2	0.0808	0.0988	0.0458	2.60 B	0.131	0.120	0.021	0.018	0.085	1.18	0.378	0.2508	2
3	0.0588	0.0958	0.0448	3.05	0.122	0.105	0.020	0.010	0.583	0.816	0.309	0.1958	3
4	0.0558	0.0918	0.0438	4.74	0.108	0.088	0.018	0.008	0.458	0.585	0.400	0.1888	4
5	0.0528	0.0888	0.0448	3.36	0.127	0.087	0.029	0.144	0.312	0.380	1.78	0.1908	5
6	0.0508	0.0848	0.0488	2.98	0.100	0.083	0.024	0.035	0.206	0.282	1.75	0.212	6
7	0.0488	0.0818	0.0548	3.15	0.087	0.053	0.020	0.031	0.142	0.258	1.18	0.187	7
8	0.0488	0.0778	0.0648	2.22	0.088	0.044	0.012	0.032	0.115	0.220	0.857	0.140	8
9	0.0448	0.0748	0.0788	1.83	0.147	0.057	0.013	0.115	0.088	0.211	0.706	0.1258	9
10	0.0438	0.0718	0.0938	1.59	0.448	0.052	0.053	0.038	0.084	0.321	1.00	0.0858	10
11	0.0428	0.0888	0.1078	1.38	0.321	0.051	0.030	0.030	0.073	0.308	0.920	0.0808	11
12	0.0408	0.0868	0.1038	1.12	0.218	0.036	0.020	0.039	0.280	0.249	0.732	0.043	12
13	0.0398	0.0838	0.0868	0.956	0.878	0.035	0.060	0.355	0.437	0.212	0.861	0.038	13
14	0.0388	0.0808	0.0928	1.57	0.450	0.033	0.030	2.33	0.235	0.192	0.678	0.042	14
15	0.0378	0.0578	0.0878	1.11	0.398	0.036	0.026	0.852	0.180	0.171	0.688	0.033	15
16	0.0368	0.0558	0.0828	0.874	0.282	0.031	0.022	0.347	0.130	0.168	0.863	0.028	16
17	0.0388	0.0538	0.0768	0.798	0.218	0.027	0.022	0.230	0.165	0.308	0.833	0.027	17
18	0.0448	0.0508	0.0768	0.676	0.173	0.020	0.022	0.187	0.153	2.67	0.808	0.022	18
19	0.0468	0.0488	0.0748	0.585	0.133	0.021	0.022	0.128	0.148	1.11	0.441	0.023	19
20	0.0478	0.0478	0.0728	0.453	0.121	0.018	0.025	0.214	0.884	0.892	0.380	0.877	20
21	0.0458	0.0528	0.0698	0.408	1.07	0.017	0.027	0.187	0.582	0.747	0.285	0.305	21
22	0.0438	0.0548	0.0688	0.349	0.748	0.071	0.027	0.138	0.395	0.680	0.289	0.203	22
23	0.0418	0.0548	0.0648	0.350	0.586	0.036	0.025	0.124	0.390	0.493	0.284	0.115	23
24	0.0398	0.0528	0.1108	0.438	0.355	0.035	0.104	0.241	0.280	0.834	0.308	0.0808	24
25	0.0388	0.0518	0.3008	0.328	0.258	0.185	0.040	0.349	0.207	0.821	0.284	0.0848	25
26	0.0368	0.0508	2.60 B	0.272	0.214	0.028	0.027	0.308	0.188	0.482	0.318	0.0488	26
27	0.0358	0.0498	2.00 B	0.238	0.184	0.030	0.021	0.237	1.12	0.430	1.15	0.0378	27
28	0.0348	0.0488	1.50 B	0.251	0.167	0.027	0.037	0.389	0.858	1.23	0.893	0.0308	28
29	0.0328	0.0478	1.70 B	0.224	0.121	0.034	0.012	0.200	0.463	0.781	0.5808	0.0278	29
30	0.0438		3.00 B	0.182	0.169	0.042	0.014	0.171	0.305	0.576	0.485	0.0258	30
31	0.0808		2.70 B		0.218		0.012	0.131		0.402		0.0248	31
TOTAL	1.381	1.661	15.553	40.381	8.825	1.804	0.854	7.412	9.425	18.316	21.083	4.071	TOTAL
MEAN	0.045	0.065	0.502	1.35	0.285	0.053	0.028	0.239	0.314	0.591	0.703	0.131	MEAN
MAX	0.080	0.098	3.00	4.74	1.07	0.172	0.104	2.33	1.12	2.67	1.78	0.877	MAX
MIN	0.032	0.047	0.043	0.182	0.088	0.017	0.012	0.008	0.073	0.168	0.284	0.022	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 0.357
MAXIMUM DAILY, 4.74 ON APR 4
MINIMUM DAILY, 0.008 ON AUG 4
MAXIMUM INSTANTANEOUS,
5.81 AT 06 05 EST ON OCT 16

SUMMARY FOR THE YEAR 1988

TYPE OF GAUGE - RECORDING
LOCATION - LAT 46 28 51 N
LONG 81 00 25 W
DRAINAGE AREA, 31.5 km²

B - ICE CONDITIONS

REGULATED SINCE 1966

MONTHLY TOTAL DISCHARGE
IN CUBIC DECAMETRES

JAN	120	JUL	73.6
FEB	183	AUG	840
MAR	1 340	SEP	814
APR	3 490	OCT	1 580
MAY	762	NOV	1 820
JUN	139	DEC	352

TOTAL DISCHARGE, 11 300 dam³

NORBERG CREEK (SITE A) ABOVE BATCHAWANA RIVER - STATION NO. 02BF005

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1988

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	0.285	0.1168	0.1118	0.410	1.32	0.141	0.022	0.006	0.311	0.366	0.558	1.22	1
2	0.2908	0.1178	0.1088	0.456	1.36	0.132	0.016	0.006	0.297	0.374	0.494	0.936	2
3	0.2768	0.1178	0.1078	0.878	1.30	0.124	0.013	0.052	0.268	0.359	0.449	0.743	3
4	0.3058	0.1168	0.1068	1.36	1.19	0.111	0.010	0.085	0.344	0.408	0.467	0.606	4
5	0.2878	0.1158	0.1058	1.65	1.02	0.103	0.010	0.188	0.294	0.395	1.01	0.526	5
6	0.2498	0.1158	0.1048	3.18	0.886	0.096	0.009	0.135	0.262	0.369	1.27	0.462	6
7	0.2278	0.1158	0.1038	2.88	0.743	0.085	0.007	0.119	0.241	0.355	1.29	0.425	7
8	0.215	0.1148	0.1028	2.44	0.649	0.081	0.007	0.103	0.196	0.340	1.19	0.3758	8
9	0.210	0.1148	0.1348	2.06	0.589	0.082	0.005	0.096	0.209	0.323	1.02	0.3408	9
10	0.2068	0.1148	0.1258	1.77	0.550	0.080	0.013	0.093	0.177	0.404	0.876	0.3258	10
11	0.2068	0.1138	0.114	1.57	0.482	0.071	0.025	0.088	0.157	0.395	0.736	0.2608	11
12	0.2068	0.1138	0.110	1.53	0.439	0.066	0.023	0.126	0.148	0.371	0.634	0.2608	12
13	0.2128	0.1118	0.121	1.47	0.484	0.061	0.021	0.282	0.186	0.348	0.626	0.2708	13
14	0.204	0.1108	0.120	1.38	0.430	0.064	0.028	1.46	0.155	0.312	0.600	0.2568	14
15	0.176	0.118	0.111	1.21	0.471	0.061	0.027	1.14	0.143	0.307	0.581	0.2578	15
16	0.158	0.089	0.098	1.05	0.443	0.048	0.032	1.06	0.133	0.318	0.858	0.2528	16
17	0.146	0.0888	0.096	1.11	0.404	0.040	0.028	1.18	0.124	0.485	0.576	0.2508	17
18	0.130	0.0888	0.096	1.06	0.388	0.035	0.027	0.837	0.128	0.480	0.671	0.2448	18
19	0.118	0.094	0.098	0.929	0.365	0.033	0.023	0.726	0.177	0.462	0.638	0.2428	19
20	0.1188	0.100	0.0888	0.818	0.348	0.031	0.016	0.583	0.322	0.478	0.622	0.2808	20
21	0.1188	0.1208	0.0878	0.729	0.338	0.028	0.013	0.487	0.286	0.562	0.576	0.2688	21
22	0.1178	0.1408	0.0868	0.663	0.289	0.026	0.012	0.421	0.242	0.570	0.513	0.2588	22
23	0.1178	0.143	0.0888	0.678	0.271	0.026	0.010	0.374	0.331	0.535	0.476	0.2788	23
24	0.1168	0.146	0.096	0.855	0.230	0.033	0.007	0.344	0.283	0.538	0.481	0.2808	24
25	0.1158	0.137	0.1108	0.676	0.210	0.051	0.007	0.327	0.278	0.526	0.442	0.2888	25
26	0.1148	0.133	0.1238	0.730	0.190	0.048	0.008	0.314	0.304	0.495	0.648	0.2728	26
27	0.1098	0.118	0.1408	0.822	0.184	0.036	0.004	0.376	0.413	0.508	2.08	0.2888	27
28	0.124	0.1158	0.1508	0.906	0.211	0.034	0.004	0.478	0.377	0.723	2.26	0.2838	28
29	0.1238	0.1128	0.2368	1.05	0.185	0.032	0.005	0.404	0.364	0.680	2.01	0.244	29
30	0.1218		0.611	1.22	0.165	0.026	0.003	0.389	0.352	0.624	1.58	0.230	30
31	0.120		0.423		0.152		0.004	0.353		0.560		0.219	31
TOTAL	5.523	3.372	4.348	37.308	12.288	1.886	0.437	12.703	7.526	13.931	28.045	11.395	TOTAL
MEAN	0.178	0.116	0.140	1.24	0.525	0.063	0.014	0.410	0.251	0.449	0.868	0.368	MEAN
MAX	0.305	0.146	0.611	3.18	1.36	0.141	0.032	1.46	0.413	0.723	2.26	1.22	MAX
MIN	0.108	0.084	0.098	0.410	0.152	0.026	0.003	0.008	0.124	0.307	0.442	0.219	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 0.385
MAXIMUM DAILY, 3.18 ON APR 5
MINIMUM DAILY, 0.003 ON JUL 30
MAXIMUM INSTANTANEOUS,
4.18 AT 13 28 EST ON APR 5

SUMMARY FOR THE YEAR 1988

TYPE OF GAUGE - RECORDING
LOCATION - LAT 47 04 08 N
LONG 84 28 07 W
DRAINAGE AREA, 11.6 km²

B - ICE CONDITIONS

NATURAL FLOW

MONTHLY TOTAL DISCHARGE
IN CUBIC DECAMETRES

JAN	477	JUL	37.6
FEB	291	AUG	1 100
MAR	375	SEP	650
APR	3 220	OCT	1 200
MAY	1 410	NOV	2 250
JUN	184	DEC	985

TOTAL DISCHARGE, 12 200 dam³

NORBERG CREEK (SITE B) AT OUTLET OF TURKEY LAKE - STATION NO. 02BF006

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1988

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	0.193	0.098	0.077	0.217	1.03	0.124	0.008	0	0.201	0.248	0.497	0.868	1
2	0.212	0.097	0.077	0.262	1.10	0.108	0.008	0	0.194	0.263	0.438	0.718	2
3	0.207	0.090	0.076	0.323	1.05	0.102	0.005	0.007	0.188	0.273	0.398	0.587	3
4	0.220	0.084	0.073	0.518	0.979	0.092	0.003	0.017	0.205	0.273	0.368	0.488	4
5	0.213	0.0838	0.068	0.915	0.848	0.082	0.001	0.078	0.193	0.274	0.472	0.390	5
6	0.201	0.0828	0.066	1.85	0.740	0.075	0.001	0.100	0.173	0.263	0.797	0.350	6
7	0.191	0.0828	0.067	2.64	0.633	0.069	0.001	0.094	0.158	0.248	1.04	0.317	7
8	0.182	0.0828	0.075	2.30	0.533	0.061	0.001	0.086	0.145	0.228	1.03	0.283	8
9	0.178	0.0828	0.086	1.69	0.466	0.053	0	0.078	0.142	0.218	0.882	0.255	9
10	0.164	0.082	0.081	1.36	0.437	0.048	0.001	0.071	0.129	0.267	0.763	0.243	10
11	0.158	0.078	0.077	1.15	0.381	0.037	0.003	0.081	0.118	0.284	0.656	0.226	11
12	0.160	0.076	0.079	1.07	0.341	0.032	0.005	0.087	0.116	0.256	0.538	0.226	12
13	0.156	0.0738	0.078	1.06	0.353	0.029	0.007	0.148	0.122	0.245	0.521	0.229	13
14	0.145	0.071	0.082	1.06	0.315	0.032	0.010	0.635	0.116	0.237	0.501	0.224	14
15	0.137	0.077	0.081	0.950	0.332	0.026	0.010	0.931	0.117	0.231	0.472	0.215	15
16	0.132	0.076	0.073	0.820	0.326	0.022	0.010	0.936	0.106	0.237	0.483	0.214	16
17	0.124	0.076	0.074	0.770	0.298	0.017	0.013	0.697	0.100	0.286	0.548	0.195	17
18	0.122	0.074	0.077	0.764	0.282	0.010	0.008	0.757	0.096	0.307	0.579	0.186	18
19	0.118	0.072	0.076	0.728	0.258	0.013	0.010	0.610	0.107	0.335	0.556	0.176	19
20	0.118	0.070	0.072	0.681	0.249	0.014	0.007	0.488	0.154	0.357	0.527	0.182	20
21	0.115	0.068	0.069	0.584	0.235	0.012	0.004	0.368	0.168	0.372	0.494	0.209	21
22	0.109	0.080	0.069	0.518	0.218	0.009	0.005	0.289	0.170	0.403	0.435	0.189	22
23	0.102	0.085	0.081	0.478	0.201	0.007	0.003	0.251	0.195	0.398	0.402	0.207	23
24	0.100	0.091	0.083	0.460	0.182	0.008	0.003	0.228	0.199	0.397	0.383	0.217	24
25	0.098	0.090	0.072	0.457	0.187	0.023	0.003	0.218	0.200	0.395	0.337	0.221	25
26	0.093	0.087	0.084	0.483	0.168	0.022	0.004	0.203	0.204	0.393	0.388	0.218	26
27	0.094	0.081	0.103	0.548	0.180	0.017	0.001	0.204	0.235	0.403	1.03	0.205	27
28	0.0838	0.080	0.108	0.636	0.154	0.013	0.001	0.247	0.236	0.519	2.07	0.205	28
29	0.0848	0.081	0.154	0.747	0.146	0.011	0	0.235	0.238	0.557	1.75	0.194	29
30	0.098		0.196	0.801	0.137	0.011	0	0.224	0.240	0.518	1.30	0.191	30
31	0.098		0.203		0.126		0	0.210		0.497		0.184	31
TOTAL	4.420	2.348	3.705	26.943	12.836	1.178	0.138	8.729	4.881	10.187	20.821	8.656	TOTAL
MEAN	0.143	0.081	0.087	0.695	0.414	0.039	0.004	0.282	0.185	0.328	0.687	0.288	MEAN
MAX	0.220	0.098	0.203	2.64	1.10	0.124	0.013	0.936	0.240	0.557	2.07	0.868	MAX
MIN	0.093	0.068	0.067	0.217	0.126	0.007	0	0	0.096	0.219	0.337	0.178	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 0.264
MAXIMUM DAILY, 2.64 ON APR 7
MINIMUM DAILY, 0 ON JUL 8
MAXIMUM INSTANTANEOUS,
2.72 AT 10:04 EST ON APR 7

SUMMARY FOR THE YEAR 1988

TYPE OF GAUGE - RECORDING
LOCATION - LAT 47 03 04 N
LONG 84 24 48 W
DRAINAGE AREA, 8.84 km²

B - ICE CONDITIONS

NATURAL FLOW

MONTHLY TOTAL DISCHARGE
IN CUBIC DECAMETRES

JAN	382	JUL	11.9
FEB	203	AUG	754
MAR	334	SEP	422
APR	2 330	OCT	898
MAY	1 110	NOV	1 780
JUN	102	DEC	765

TOTAL DISCHARGE, 8 880 dam³

NORBERG CREEK (SITE C) AT OUTLET OF LITTLE TURKEY LAKE - STATION NO. 02BF007

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1988

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	0.092	0.0288	0.0348	0.164	0.675	0.082	0.002	0	0.114	0.172	0.309	0.407	1
2	0.103	0.0368	0.0338	0.252	0.686	0.075	0.002	0	0.108	0.172	0.272	0.307	2
3	0.094	0.0378	0.0338	0.272	0.613	0.064	0.002	0.003	0.104	0.174	0.248	0.241	3
4	0.096	0.0368	0.0328	0.526	0.536	0.058	0.002	0.011	0.115	0.172	0.236	0.200	4
5	0.098	0.0368	0.0328	0.971	0.467	0.048	0.002	0.080	0.101	0.176	0.348	0.174	5
6	0.092	0.0398	0.0328	1.70	0.376	0.043	0.002	0.087	0.097	0.186	0.810	0.163	6
7	0.088	0.0388	0.0388	1.67	0.302	0.040	0.001	0.072	0.091	0.185	0.965	0.142	7
8	0.085	0.0368	0.0398	1.10	0.256	0.027	0.001	0.044	0.086	0.145	0.728	0.137	8
9	0.0748	0.0368	0.0478	0.805	0.232	0.022	0.001	0.036	0.086	0.136	0.560	0.128	9
10	0.0698	0.0378	0.0448	0.676	0.237A	0.021	0.001	0.029	0.078	0.164	0.452	0.116	10
11	0.0638	0.0388	0.0448	0.595	0.208	0.018	0.003	0.021	0.071	0.182	0.362	0.111	11
12	0.0588	0.0358	0.0398	0.579	0.183	0.017	0.004	0.044	0.068	0.154	0.331	0.088	12
13	0.0578	0.0358	0.0388	0.647	0.164	0.017	0.004	0.116	0.078	0.147	0.313	0.114	13
14	0.0548	0.0348	0.0338	0.618	0.178	0.020	0.006	0.714	0.071	0.141	0.289	0.114	14
15	0.0548	0.0338	0.0338	0.500	0.189	0.014	0.007	0.902	0.068	0.137	0.287	0.106	15
16	0.0548	0.0328	0.0338	0.386	0.201	0.014	0.008	0.581	0.061	0.133	0.308	0.101	16
17	0.055	0.0318	0.0328	0.356	0.187	0.011	0.005	0.459	0.061	0.176	0.284	0.089	17
18	0.056	0.0318	0.0328	0.411	0.184	0.008	0.003	0.387	0.061	0.207	0.441	0.088	18
19	0.0558	0.0308	0.0328	0.386	0.189	0.008	0.004	0.302	0.074	0.238	0.403	0.083	19
20	0.0548	0.0308	0.032A	0.319	0.158	0.008	0.004	0.227	0.111	0.285	0.345	0.100	20
21	0.0538	0.0338	0.0328	0.282	0.147	0.008	0.003	0.174	0.115	0.278	0.291	0.110	21
22	0.0518	0.0428	0.0328	0.228	0.132	0.006	0.003	0.137	0.118	0.277	0.253	0.104	22
23	0.0508	0.0518	0.0328	0.221	0.118	0.005	0.002	0.114	0.138	0.278	0.220	0.114	23
24	0.0498	0.0508	0.032	0.221	0.104	0.006	0.001	0.104	0.145	0.282	0.208	0.118	24
25	0.0488	0.0488	0.051	0.236	0.097	0.015	0.001	0.101	0.143	0.278	0.187	0.121	25
26	0.0488	0.0478	0.065	0.263	0.084	0.010	0.001	0.097	0.148	0.264	0.208	0.120	26
27	0.0438	0.0438	0.078	0.341	0.087	0.008	0.001	0.105	0.170	0.258	0.974	0.112	27
28	0.0428	0.0388	0.081	0.418	0.100	0.007	0.001	0.134	0.172	0.308	1.67	0.112	28
29	0.0428	0.0378	0.124	0.506	0.085	0.005	0	0.137	0.174	0.347	0.859	0.102	29
30	0.0418		0.152	0.601	0.089	0.002	0	0.133	0.169	0.359	0.558	0.089	30
31	0.0398		0.170		0.083		0	0.124		0.327		0.084	31
TOTAL	1.958	1.086	1.585	16.188	7.363	0.662	0.077	5.475	3.192	6.834	13.831	4.240	TOTAL
MEAN	0.063	0.036	0.050	0.540	0.238	0.023	0.002	0.177	0.106	0.214	0.481	0.137	MEAN
MAX	0.103	0.051	0.170	1.70	0.675	0.082	0.008	0.902	0.174	0.359	1.67	0.407	MAX
MIN	0.039	0.030	0.032	0.184	0.083	0.002	0	0	0.061	0.133	0.187	0.083	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 0.170
MAXIMUM DAILY, 1.70 ON APR 6
MINIMUM DAILY, 0 ON JUL 29
MAXIMUM INSTANTANEOUS,
2.07 AT 22:35 EST ON APR 6

SUMMARY FOR THE YEAR 1988

TYPE OF GAUGE - RECORDING
LOCATION - LAT 47 02 41 N
LONG 84 24 44 W
DRAINAGE AREA, 5.40 km²
A - MANUAL GAUGE
B - ICE CONDITIONS

NATURAL FLOW

MONTHLY TOTAL DISCHARGE
IN CUBIC DECAMETRES

JAN	189	JUL	8.85
FEB	84.8	AUG	473
MAR	134	SEP	276
APR	1 400	OCT	573
MAY	838	NOV	1 180
JUN	58.8	DEC	365

TOTAL DISCHARGE, 5 380 dam³

NORBERG CREEK (SITE D) BELOW WISHART LAKE - STATION NO. 028F008

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1988

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	0.052	0.0278	0.0238	0.131	0.443	0.048	0.004	0.003	0.088	0.105	0.156	0.177	1
2	0.060	0.0278	0.0238	0.137	0.410	0.044	0.005	0.003	0.073	0.106	0.137	0.139	2
3	0.055	0.028E	0.0238	0.262	0.354	0.041	0.004	0.007	0.070	0.107	0.133	0.123	3
4	0.053	0.0238	0.0228	0.653	0.282	0.040	0.004	0.008	0.071	0.104	0.129	0.111	4
5	0.055	0.0238	0.0218	0.818	0.230	0.035	0.003	0.033	0.068	0.107	0.414	0.098	5
6	0.051	0.0238	0.020	1.58	0.195	0.032	0.005	0.041	0.064	0.108	0.818	0.389	6
7	0.050	0.0228	0.0208	1.00	0.158	0.031	0.004	0.040	0.059	0.088	0.490	0.080	7
8	0.048	0.0228	0.0198	0.868	0.138	0.029	0.005	0.036	0.054	0.083	0.306	0.076	8
9	0.044	0.0228	0.0188	0.490	0.126	0.026	0.004	0.035	0.052	0.085	0.230	0.073	9
10	0.043	0.0218	0.0208	0.428	0.122	0.023	0.004	0.033	0.048	0.081	0.197	0.066	10
11	0.043	0.0218	0.0208	0.384	0.121	0.021	0.005	0.031	0.046	0.094	0.184	0.0628	11
12	0.041	0.0208	0.0218	0.434	0.106	0.020	0.004	0.037	0.045	0.096	0.168	0.0598	12
13	0.041	0.0208	0.0218	0.481	0.112	0.017	0.005	0.078	0.044	0.088	0.165	0.058	13
14	0.038	0.0198	0.0228	0.375	0.113	0.017	0.004	1.32	0.045	0.084	0.170	0.052	14
15	0.038	0.0198	0.0188	0.268	0.128	0.017	0.004	0.580	0.043	0.081	0.173	0.050	15
16	0.036	0.0198	0.0188	0.215	0.134	0.014	0.005	0.300	0.039	0.080	0.213	0.049	16
17	0.035	0.0188	0.0188	0.246	0.130	0.014	0.004	0.277	0.042	0.122	0.308	0.048	17
18	0.034	0.0188	0.0188	0.308	0.117	0.013	0.004	0.285	0.039	0.176	0.256	0.044	18
19	0.034	0.0188	0.0198	0.238	0.104	0.012	0.004	0.206	0.045	0.183	0.201	0.043	19
20	0.031	0.0188	0.0198	0.178	0.095	0.012	0.004	0.155	0.085	0.178	0.185	0.046	20
21	0.0318	0.0188	0.0188	0.143	0.085	0.008	0.003	0.128	0.085	0.185	0.164	0.053	21
22	0.0308	0.0188	0.0188	0.126	0.081	0.008	0.003	0.100	0.094	0.182	0.127	0.056	22
23	0.0308	0.0228	0.0188	0.135	0.078	0.006	0.003	0.087	0.111	0.183	0.121	0.057	23
24	0.029	0.0228	0.018	0.184	0.089	0.007	0.003	0.076	0.118	0.184	0.110	0.054	24
25	0.0298	0.0238	0.024	0.182	0.063	0.010	0.003	0.070	0.110	0.148	0.097	0.063	25
26	0.0288	0.023	0.034	0.218	0.058	0.010	0.003	0.068	0.102	0.142	0.126	0.060	26
27	0.0338	0.023	0.041	0.305	0.056	0.008	0.003	0.074	0.124	0.145	1.57	0.059	27
28	0.028	0.0228	0.047	0.343	0.057	0.007	0.003	0.120	0.133	0.181	0.886	0.056	28
29	0.0278	0.0228	0.075	0.402	0.058	0.008	0.003	0.134	0.130	0.218	0.342	0.0548	29
30	0.0278		0.108	0.460	0.057	0.004	0.003	0.118	0.117	0.193	0.238	0.0528	30
31	0.0278		0.123		0.053		0.002	0.089		0.183		0.0508	31
TOTAL	1.202	0.618	0.830	11.886	4.335	0.582	0.117	4.563	2.225	4.082	6.851	2.170	TOTAL
MEAN	0.039	0.021	0.030	0.396	0.140	0.019	0.004	0.147	0.074	0.132	0.295	0.070	MEAN
MAX	0.060	0.027	0.123	1.58	0.443	0.048	0.005	1.32	0.133	0.218	1.57	0.177	MAX
MIN	0.027	0.018	0.018	0.126	0.053	0.004	0.002	0.003	0.039	0.080	0.097	0.043	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 0.114
MAXIMUM DAILY, 1.58 ON APR
MINIMUM DAILY, 0.002 ON JUL
MAXIMUM INSTANTANEOUS,
2.26 AT 16 55 EST ON NOV 27

SUMMARY FOR THE YEAR 1988

TYPE OF GAUGE - RECORDING
LOCATION - LAT 47 02 48 N
LONG 84 24 14 W
DRAINAGE AREA, 4.08 km²

B - ICE CONDITIONS

NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	104	JUL	10.1
FEB	53.5	AUG	394
MAR	80.4	SEP	192
APR	1 030	OCT	353
MAY	375	NOV	755
JUN	50.3	DEC	187

TOTAL DISCHARGE, 3 590 dam³

NORBERG CREEK (SITE E) BELOW BATCHAWANA LAKE - STATION NO. 028F009

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1988

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	0.023	0.0158	0.0158	0.100	0.290	0.011	0	0	0.031	0.085	0.074	0.078	1
2	0.024	0.0158	0.0158	0.114	0.255	0.008	0	0	0.024	0.083	0.068	0.068	2
3	0.024	0.0148	0.0158	0.227	0.216	0.008	0	0.006	0.028	0.088	0.064	0.064	3
4	0.023E	0.0148	0.0148	0.577	0.165	0.006	0	0.016	0.062	0.102	0.069	0.046	4
5	0.025E	0.014	0.0148	0.582	0.130	0.005	0	0.071	0.042	0.100	0.589	0.038	5
6	0.024E	0.0148	0.0148	1.05	0.100	0.004	0	0.047	0.028	0.072	0.529	0.033	6
7	0.022	0.013	0.0148	0.598	0.078	0.004	0	0.021	0.021	0.066	0.279	0.028	7
8	0.021	0.0138	0.0148	0.438	0.072	0.003	0	0.014	0.020	0.045	0.148	0.026	8
9	0.020	0.0138	0.0218	0.347	0.071	0.002	0	0.013	0.023	0.035	0.109	0.024	9
10	0.020	0.0128	0.0218	0.290	0.070A	0.002	0	0.011	0.018	0.085	0.115	0.0238	10
11	0.020	0.0118	0.0188	0.248	0.060	0.001	0.002	0.008	0.014	0.068	0.118	0.0218	11
12	0.018	0.010	0.0178	0.288	0.05;	0.001	0.004	0.030	0.018	0.063	0.094	0.0218	12
13	0.018	0.011	0.0158	0.282	0.050	0.001	0.003	0.1738	0.022	0.047	0.085	0.0238	13
14	0.018	0.0108	0.0158	0.214	0.050	0.001	0.003	0.954E	0.018	0.040	0.109	0.018	14
15	0.018	0.0118	0.0148	0.130	0.103	0.001	0.003	0.235	0.018	0.033	0.103	0.018	15
16	0.017	0.0108	0.0148	0.104	0.099	0.001	0.004	0.100	0.013	0.050	0.288	0.018	16
17	0.016	0.0108	0.0148	0.178	0.068	0.001	0.003	0.222	0.012	0.170	0.236	0.0188	17
18	0.016	0.0108	0.0138	0.187	0.055	0	0.002	0.134	0.012	0.182	0.131	0.0178	18
19	0.018	0.0108	0.0138	0.121	0.048	0.001	0.001	0.063	0.042	0.118	0.087	0.0178	19
20	0.015	0.0108	0.0138	0.083	0.040	0	0	0.043	0.153	0.088	0.078	0.0178	20
21	0.014	0.0088	0.0138	0.087	0.031	0	0	0.026	0.116	0.110	0.086	0.0208	21
22	0.013	0.0108	0.0138	0.073	0.026	0	0	0.020	0.086	0.131	0.058	0.0308	22
23	0.013	0.0128	0.0138	0.101	0.019	0	0	0.015	0.121	0.102	0.051	0.0338	23
24	0.012	0.0178	0.013	0.101	0.017	0	0	0.016	0.084	0.084	0.047	0.035	24
25	0.013	0.0178	0.037	0.128	0.018	0.004	0	0.020	0.085	0.073	0.042	0.032	25
26	0.014	0.0188	0.084	0.182	0.015	0.002	0	0.022	0.070	0.072	0.233	0.030	26
27	0.0158	0.0188	0.072	0.224	0.018	0.001	0	0.078	0.180	0.074	1.21	0.027	27
28	0.015	0.0158	0.073	0.237	0.021	0.001	0	0.185	0.088	0.167	0.368	0.026	28
29	0.015	0.0158	0.100	0.305	0.018	0	0	0.092	0.072	0.147	0.1258	0.023	29
30	0.015		0.112	0.328	0.014	0	0	0.080	0.059	0.101	0.093	0.0228	30
31	0.0158		0.104		0.012		0	0.042		0.075		0.0218	31
TOTAL	0.553	0.387	0.818	7.917	2.345	0.068	0.025	2.740	1.548	2.737	5.804	0.911	TOTAL
MEAN	0.018	0.013	0.030	0.284	0.078	0.002	0.001	0.088	0.052	0.088	0.193	0.029	MEAN
MAX	0.025	0.017	0.112	1.05	0.290	0.011	0.004	0.954	0.180	0.182	1.21	0.078	MAX
MIN	0.013	0.008	0.013	0.087	0.012	0	0	0	0.012	0.033	0.042	0.017	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 0.071
MAXIMUM DAILY, 1.21 ON NOV 27
MINIMUM DAILY, 0 ON JUN 18

SUMMARY FOR THE YEAR 1988

TYPE OF GAUGE - RECORDING
LOCATION - LAT 47 03 38 N
LONG 84 23 55 W
DRAINAGE AREA, 3.14 km²
A - MANUAL GAUGE
B - ICE CONDITIONS
E - ESTIMATED
NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	67.8	JUL	2.16
FEB	31.7	AUG	237
MAR	78.3	SEP	134
APR	584	OCT	239
MAY	303	NOV	501
JUN	5.70	DEC	78.7

TOTAL DISCHARGE, 2 240 dam³

NORBERG CREEK (SITE F) AT OUTLET OF BATCHAWANA LAKE - STATION NO. 02EF012

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1986

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	0.012	0.0088	0.0088	0.033	0.112	0.004	0	0	0.015	0.022	0.032	0.035	1
2	0.0158	0.0088	0.0108	0.039	0.121	0.003	0	0	0.012	0.023	0.026	0.030	2
3	0.0168	0.0088	0.0088	0.114	0.087	0.003	0	0	0.011	0.021	0.021	0.024	3
4	0.0188	0.0078	0.0088	0.211	0.061	0.002	0	0	0.014	0.023	0.025	0.018	4
5	0.0208	0.0078	0.0088	0.227	0.048	0.002	0	0.004	0.012	0.025	0.201	0.017	5
6	0.0188	0.0078	0.0078	0.393	0.042	0.001	0	0.007	0.011	0.022	0.241	0.015	6
7	0.0168	0.0078	0.0078	0.206	0.036	0.001	0	0.008	0.009	0.018	0.120	0.013	7
8	0.0178	0.0078	0.0068	0.147	0.032	0.001	0	0.007	0.008	0.017	0.062	0.012	8
9	0.0138	0.0078	0.0068	0.117	0.032	0	0	0.007	0.008	0.016	0.051	0.011	9
10	0.0128	0.0078	0.0068	0.108	0.032	0	0	0.006	0.007	0.017	0.042	0.010	10
11	0.010	0.0078	0.0068	0.094	0.024	0	0	0.004	0.006	0.020	0.043	0.010	11
12	0.010	0.0068	0.0068	0.134	0.020	0	0	0.005	0.006	0.018	0.037	0.010	12
13	0.009	0.0068	0.0068	0.138	0.027	0	0	0.071	0.007	0.017	0.038	0.0118	13
14	0.0098	0.0058	0.0078	0.075	0.030	0	0	0.488	0.006	0.016	0.043	0.0128	14
15	0.0098	0.0058	0.0078	0.047	0.039	0	0	0.084	0.005	0.016	0.044	0.0138	15
16	0.0098	0.0058	0.0078	0.038	0.036	0	0	0.038	0.005	0.015	0.114	0.0138	16
17	0.0098	0.0058	0.0078	0.070	0.030	0	0	0.088	0.004	0.048	0.083	0.0128	17
18	0.0098	0.0058	0.0078	0.063	0.026	0	0	0.042	0.004	0.084	0.051	0.012	18
19	0.0088	0.0058	0.0078	0.043	0.021	0	0	0.027	0.006	0.043	0.039	0.012	19
20	0.0088	0.0058	0.0078	0.034	0.018	0	0	0.018	0.027	0.037	0.037	0.013	20
21	0.0088	0.0058	0.0078	0.030	0.015	0	0	0.014	0.041	0.039	0.028	0.015	21
22	0.0088	0.0068	0.0068	0.027	0.013	0	0	0.011	0.032	0.048	0.023	0.016	22
23	0.0078	0.0078	0.0068	0.039	0.011	0	0	0.009	0.043	0.037	0.020	0.016	23
24	0.0078	0.0078	0.007	0.038	0.009	0	0	0.009	0.031	0.033	0.017	0.018	24
25	0.0078	0.0078	0.008	0.043	0.008	0	0	0.009	0.024	0.032	0.016	0.016	25
26	0.0078	0.0078	0.018	0.058	0.007	0	0	0.010	0.021	0.029	0.064	0.015	26
27	0.0068	0.0078	0.026	0.086	0.006	0	0	0.011	0.040	0.026	0.443	0.014	27
28	0.0068	0.0068	0.023	0.089	0.007	0	0	0.051	0.035	0.063	0.161	0.013	28
29	0.0068	0.0068	0.080	0.107	0.007	0	0	0.036	0.026	0.054	0.081	0.012	29
30	0.0068		0.055	0.148	0.006	0	0	0.026	0.023	0.043	0.048	0.011	30
31	0.0068		0.039		0.005		0	0.018		0.033		0.011	31
TOTAL	0.334	0.185	0.409	2.885	0.868	0.017	0	1.081	0.499	0.935	2.241	0.462	TOTAL
MEAN	0.011	0.006	0.013	0.100	0.031	0.001	0	0.035	0.017	0.030	0.075	0.015	MEAN
MAX	0.020	0.008	0.055	0.393	0.121	0.004	0	0.488	0.043	0.064	0.443	0.035	MAX
MIN	0.007	0.005	0.006	0.027	0.005	0	0	0	0.004	0.016	0.016	0.010	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 0.028
MAXIMUM DAILY, 0.488 ON AUG 14
MINIMUM DAILY, 0 ON JUN 9
MAXIMUM INSTANTANEOUS,
0.522 AT 14:00 EST ON NOV 27

SUMMARY FOR THE YEAR 1986

TYPE OF GAUGE - RECORDING
LOCATION - LAT 47 03 47 N
LONG 84 33 38 W
DRAINAGE AREA, 1.15 km²

B - ICE CONDITIONS

NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	28.9	JUL	0
FEB	16.0	AUG	84.3
MAR	35.3	SEP	43.1
APR	250	OCT	80.8
MAY	83.6	NOV	194
JUN	1.47	DEC	39.9

TOTAL DISCHARGE, 676 dam³

NORTH BRANCH MUSKOKA RIVER AT PORT SYDNEY - STATION NO. 02EB004

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1986

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	24.6	24.3	21.2	73.1	59.6	21.4	3.84	3.06	16.3	9.06	33.3	33.5	1
2	24.4	26.5	21.2	77.6	56.6	16.3	4.23	3.16	17.4	10.5	32.9	33.4	2
3	23.7	35.2	20.7	86.6	56.9	10.4	3.98	3.16	16.5	10.9	31.7	33.4	3
4	23.3	43.4	20.2	102	55.3	7.86	3.36	3.26	16.1	11.0	23.3	32.6	4
5	23.5	42.6	19.7	111	44.0	7.67	3.20	3.23	16.1	21.1	17.4	32.1	5
6	26.1	41.8	19.3	119	37.1	7.40	3.22	3.21	14.3	26.3	16.7	31.6	6
7	27.7	40.6	19.6	132	36.8	7.13	3.06	3.23	13.7	26.6	19.9	27.7	7
8	26.6	39.1	20.0	146	36.5	6.64	3.10	3.13	13.7	26.6	21.2	23.7	8
9	24.6	37.1	19.3	154	31.7	4.30	3.16	3.19	13.3	26.3	22.4	22.2	9
10	23.3	36.2	21.0	157	28.1	3.79	3.13	3.20	13.2	26.2	25.3	21.6	10
11	22.3	33.5	21.3	157	27.6	3.77	3.21	3.16	13.2	25.1	33.6	21.0	11
12	21.4	33.0	20.4	154	26.8	3.70	3.20	3.17	13.0	28.8	38.2	18.2	12
13	21.4	32.1	18.8	148	22.8	3.72	3.23	3.12	12.6	38.0	41.2	18.4	13
14	20.6	30.8	18.8	142	23.3	3.65	3.17	3.12	12.7	35.8	55.2	18.3	14
15	20.1	30.3	18.4	115	23.5	3.62	3.02	3.02	12.2	34.0	74.7	18.4	15
16	19.5	28.7	18.1	97.4	35.2	3.58	3.08	3.08	12.2	32.7	75.7	18.3	16
17	18.8	28.8	18.7	88.3	40.2	3.89	3.16	3.08	11.8	31.6	77.3	18.4	17
18	19.4	27.7	18.6	81.4	38.0	4.08	3.17	3.88	11.8	32.2	74.5	18.4	18
19	19.2	26.9	18.3	85.6	38.6	5.05	3.26	3.88	11.6	32.4	69.9	18.1	19
20	20.1	26.7	18.5	80.8	39.3	3.91	3.07	4.01	11.7	32.3	65.0	18.3	20
21	20.6	25.8	18.1	48.4	41.0	3.19	3.05	4.04	11.8	31.3	61.4	17.0	21
22	21.4	25.4	17.9	47.2	41.8	3.43	3.06	4.10	11.3	30.8	58.1	17.2	22
23	22.0	25.0	18.6	48.3	41.5	3.89	3.06	4.15	11.1	31.6	54.7	17.3	23
24	21.4	24.4	20.9	47.6	41.0	4.30	3.15	14.0	10.8	32.4	53.6	17.8	24
25	21.0	24.1	22.7	54.7	39.3	4.42	3.18	18.0	10.6	33.4	52.1	17.9	25
26	20.3	23.2	23.0	59.3	30.8	4.45	3.18	15.3	10.3	33.5	50.6	17.4	26
27	19.7	22.5	25.1	62.3	25.6	4.25	3.21	14.5	10.0	33.6	51.4	17.6	27
28	19.3	21.4	29.1	63.3	25.3	4.08	3.15	14.5	9.86	33.8	52.1	18.4	28
29	18.7	21.3	40.6	62.1	25.3	3.77	3.21	14.7	9.76	34.5	52.2	18.3	29
30	18.2		57.3	60.8	25.1	3.67	3.21	14.5	9.41	34.0	52.6	18.2	30
31	19.1		67.0		24.6		3.15	18.0		33.6		18.3	31
TOTAL	671.6	676.4	736.9	2 829.6	1 119.1	155.81	100.55	210.73	380.84	911.05	1 201.8	656.7	TOTAL
MEAN	21.7	30.3	23.8	94.3	36.1	5.63	3.24	6.99	12.7	29.4	40.1	21.2	MEAN
MAX	27.7	43.4	67.0	157	59.6	21.4	4.23	18.0	16.3	38.8	77.3	33.5	MAX
MIN	18.2	21.3	17.9	46.3	22.8	3.18	3.02	3.02	9.41	9.06	17.4	18.1	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 27.0
MAXIMUM DAILY, 157 ON APR 10
MINIMUM DAILY, 3.02 ON JUL 15
MAXIMUM INSTANTANEOUS,
159 AT 19:39 EST ON APR 10

SUMMARY FOR THE YEAR 1986

TYPE OF GAUGE - RECORDING
LOCATION - LAT 45 12 45 N
LONG 79 15 30 W
DRAINAGE AREA, 1 390 km²

REGULATED

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	56 000	JUL	8 880
FEB	75 900	AUG	18 700
MAR	83 700	SEP	33 800
APR	244 000	OCT	78 700
MAY	96 700	NOV	104 000
JUN	14 600	DEC	56 700

TOTAL DISCHARGE, 853 000 dam³

NORTH BRANCH SOUTH NATION RIVER NEAR HECKSTON - STATION NO. 02LB017

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1988

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	0.3018	1.45 B	0.3108	3.35	2.38	0.156	0.109	0.002	0.028	0.024	0.475	0.823	1
2	0.2608	0.8408	0.2608	2.84	1.82	0.123	0.083	0.002	0.026	0.088	1.48	0.592	2
3	0.1928	0.4358	0.2618	3.12	1.36	0.106	0.041	0.002	0.030	0.134	2.94	0.882	3
4	0.1758	0.3028	0.2558	6.13	1.05	0.097	0.036	0.002	0.032	0.099	1.99	0.5808	4
5	0.1628	0.2808	0.2498	4.36	0.843	0.075	0.019	0.002	0.044	0.080	1.74	0.5438	5
6	0.1548	0.2268	0.2428	3.16	0.720	0.069	0.017	0.002	0.041	0.081	5.81	0.532	6
7	0.1458	0.2198	0.2908	2.44	0.588	0.054	0.014	0.001	0.045	0.073	3.74	0.5228	7
8	0.1388	0.2108	0.3488	2.15	0.522	0.047	0.012	0	0.037	0.085	2.82	0.4708	8
9	0.1338	0.2008	0.8008	2.12	0.486	0.040	0.011	0	0.030	0.089	2.65	0.4028	9
10	0.1288	0.1888	1.50 B	1.73	0.425	0.036	0.009	0	0.028	0.091	2.36	0.3528	10
11	0.1258	0.1768	1.25 B	1.40	0.385	0.030	0.005	0	0.023	0.083	2.21	0.3078	11
12	0.1238	0.1668	1.11 B	1.17	0.298	0.031	0.005	0	0.026	0.071	1.74	0.2658	12
13	0.1218	0.1578	0.9808	0.947	0.302	0.027	0.003	0.088	0.023	0.077	1.50	0.1788	13
14	0.1188	0.1758	0.9008	0.952	0.384	0.023	0.003	0.088	0.027	0.068	1.52	0.1328	14
15	0.1188	0.1808	1.01 B	0.956	0.316	0.022	0.002	0.012	0.036	0.065	1.33	0.1278	15
16	0.1188	0.1888	1.15 B	0.885	0.325	0.017	0.002	0.007	0.035	0.058	1.16	0.1208	16
17	0.1288	0.1958	1.29 B	0.843	0.463	0.012	0.003	0.004	0.035	0.047	1.11	0.1188	17
18	0.1708	0.1958	1.10 B	0.785	0.388	0.012	0.002	0.002	0.051	0.044	0.886	0.1188	18
19	0.2608	0.1948	0.9008	0.698	0.385	0.009	0.003	0.002	0.084	0.044	0.788	0.1188	19
20	0.2908	0.2018	0.8208	0.810	1.24	0.008	0.004	0.001	0.053	0.050	0.743	0.1628	20
21	0.3558	0.2178	0.6908	0.655	1.58	0.006	0.003	0.001	0.042	0.055	1.06	0.3168	21
22	0.2558	0.2558	0.6008	0.674	0.887	0.006	0.003	0.002	0.037	0.083	1.02	0.2678	22
23	0.1758	0.8328	0.4708	0.578	0.687	0.017	0.003	0.001	0.038	0.217	0.871	0.2368	23
24	0.1588	1.12 B	3.12 B	0.842	0.555	0.015	0.008	0.005	0.037	0.880	0.802	0.2198	24
25	0.1488	0.7408	2.70 B	0.758	0.421	0.018	0.011	0.024	0.034	1.84	0.771	0.2108	25
26	0.1448	0.5108	8.01 B	0.680	0.340	0.021	0.011	0.052	0.035	1.09	0.753	0.2008	26
27	0.1428	0.4408	8.01 B	0.722	0.272	0.020	0.011	0.073	0.030	0.855	0.795	0.1868	27
28	0.1418	0.3808	5.42	1.25	0.221	0.017	0.008	0.048	0.027	0.589	1.01	0.2068	28
29	0.1408	0.3458	4.26	4.43	0.203	0.017	0.010	0.059	0.027	0.583	1.18	0.1868	29
30	0.2418		3.89	3.57	0.188	0.045	0.008	0.038	0.027	0.505	0.917	0.1928	30
31	0.8008		3.94		0.179		0.003	0.033		0.454		0.1908	31
TOTAL	8.186	11.070	57.475	54.639	28.302	1.168	0.433	0.552	1.059	8.050	48.152	8.896	TOTAL
MEAN	0.188	0.382	1.85	1.82	0.885	0.039	0.014	0.018	0.035	0.260	1.81	0.310	MEAN
MAX	0.800	1.45	8.01	6.13	2.38	0.156	0.109	0.098	0.084	1.84	5.81	0.823	MAX
MIN	0.118	0.175	0.242	0.578	0.179	0.006	0.002	0	0.023	0.024	0.475	0.118	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 0.597
MAXIMUM DAILY, 8.018 ON MAR 26
MINIMUM DAILY, 0 ON AUG 8

SUMMARY FOR THE YEAR 1988

TYPE OF GAUGE - RECORDING
LOCATION - LAT 44 59 40 N
LONG 75 31 00 W
DRAINAGE AREA, 68.2 km²

B - ICE CONDITIONS

NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	533	JUL	27.4
FEB	858	AUG	47.7
MAR & 870		SEP	91.5
APR & 720		OCT	884
MAY 1 750		NOV & 180	
JUN	101	DEC	839

TOTAL DISCHARGE, 18 900 dam³

NORTH CURRENT RIVER NEAR THUNDER BAY - STATION NO. 02AB014

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1988

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	0.1088	0.0888	0.0878	1.228	1.73	0.787	0.107	0.054	2.58	0.854	1.51	1.65 B	1
2	0.1048	0.0888	0.0888	1.268	1.67	0.772	0.128	0.152	3.48	0.839	1.42	1.66 B	2
3	0.1028	0.0888	0.1008	1.458	1.63	0.787	0.070	0.228	2.88	0.644	1.28	1.53 B	3
4	0.1008	0.0888	0.1028	2.058	1.82	0.826	0.064	0.228	2.06	1.60	1.31	1.41 B	4
5	0.0988	0.0888	0.1038	2.808	1.48	0.594	0.058	0.348	1.57	1.76	1.41	1.31 B	5
6	0.0978	0.0888	0.1058	4.608	1.40	0.544	0.072	0.508	1.18	1.67	1.62	1.22 B	6
7	0.0968	0.0888	0.1078	5.408	1.31	0.483	0.071	0.408	0.972	1.42	1.58	1.14 B	7
8	0.0958	0.0888	0.1088	5.658	1.28	0.453	0.088	0.338	0.748	1.27	1.53	1.07 B	8
9	0.0948	0.0888	0.1118	5.758	1.74	0.408	0.080	0.284	0.605	1.15	1.52	1.01 B	9
10	0.0948	0.0888	0.1138	5.608	2.18	0.3808	0.070	0.181	0.508	1.07	1.57	0.9588	10
11	0.0938	0.0888	0.1168	5.508	1.82	0.3628	0.073	0.124	0.448	0.988	1.63	0.8128	11
12	0.0938	0.0888	0.1188	5.258	1.80	0.3408	0.066	0.100	0.413	0.851	1.46	0.8738	12
13	0.0928	0.0888	0.1208	5.108	2.20	0.3328	0.080	0.132	0.408	0.784	1.75	0.8408	13
14	0.0928	0.0888	0.1228	4.758	2.05	0.3558	0.141	0.900	0.377	0.762	1.65	0.8108	14
15	0.0928	0.0888	0.1258	3.68	1.85	0.3278	0.144	0.940	0.337	0.722	1.57	0.7888	15
16	0.0918	0.0888	0.1288	3.26	2.00	0.254	0.153	0.824	0.335	0.830	8.21	0.7858	16
17	0.0918	0.0888	0.1308	3.37	1.78	0.212	0.140	0.835	0.578	1.48	13.7	0.7458	17
18	0.0918	0.0888	0.1328	3.07	1.65	0.180	0.118	0.818	0.563	1.45	8.56	0.7258	18
19	0.0918	0.0888	0.1358	2.62	1.47	0.183	0.088	0.570	1.13	1.28	8.31	0.7058	19
20	0.0908	0.0888	0.1388	2.41	1.41	0.174	0.133	0.464	2.29	1.17	8.88	0.6908	20
21	0.0908	0.0908	0.1418	2.28	1.37	0.155	0.108	0.380	2.08	1.20	4.82	0.6738	21
22	0.0908	0.0908	0.1468	2.08	1.42	0.148	0.083	0.338	1.89	1.21	4.00	0.6578	22
23	0.0908	0.0918	0.1508	1.94	1.38	0.132	0.068	7.47	1.48	1.40	3.27	0.6478	23
24	0.0908	0.0928	0.1558	1.88	1.22	0.172	0.071	10.1	1.24	2.43	2.78	0.6338	24
25	0.0908	0.0938	0.2608	1.88	1.14	0.251	0.068	8.82	1.04	2.28	2.75	0.6208	25
26	0.0888	0.0938	0.3488	2.00	1.04	0.228	0.064	4.40	0.983	1.88	2.80	0.6078	26
27	0.0888	0.0948	0.6008	1.88	1.18	0.180	0.057	3.44	1.22	1.74	2.58	0.5988	27
28	0.0888	0.0958	0.6408	1.78	1.27	0.170	0.048	2.88	1.10	2.29	2.508	0.5888	28
29	0.0888	0.0968	0.8508	1.77	1.04	0.138	0.046	2.32	1.03	1.81	2.308	0.5808	28
30	0.0888		1.07 B	1.71	1.05	0.118	0.103	1.81	1.03	1.73	2.068	0.5728	30
31	0.0888		1.15 B		0.934		0.080	1.57		1.50		0.5658	31
TOTAL	2.888	2.600	8.147	94.01	47.444	10.204	2.725	48.733	36.131	42.388	95.76	27.768	TOTAL
MEAN	0.093	0.090	0.263	3.13	1.53	0.340	0.088	1.80	1.20	1.37	3.18	0.896	MEAN
MAX	0.108	0.096	1.15	5.75	2.20	0.772	0.153	10.1	3.48	2.43	13.7	1.65	MAX
MIN	0.088	0.088	0.087	1.22	0.934	0.118	0.045	0.054	0.335	0.722	1.28	0.565	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 1.18
MAXIMUM DAILY, 13.7 ON NOV 17
MINIMUM DAILY, 0.045 ON JUL 28
MAXIMUM INSTANTANEOUS,
17.2 AT 23 53 EST ON NOV 18

SUMMARY FOR THE YEAR 1988

TYPE OF GAUGE - RECORDING
LOCATION - LAT 48 30 04 N
LONG 89 10 47 W
DRAINAGE AREA, 111 km²

B - ICE CONDITIONS
E - ESTIMATED
NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	249	JUL	235
FEB	225	AUG & 300	
MAR	704	SEP 3 120	
APR & 120		OCT 3 680	
MAY 4 100		NOV & 270	
JUN	882	DEC 2 400	

TOTAL DISCHARGE, 35 300 dam³

NORTH FRENCH RIVER NEAR THE MOUTH - STATION NO. 04MF001

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1988

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	23.7B	11.5 B	9.20B	10.5B	549	139	191	83.6	81.5	146	100 B	112 B	1
2	23.0B	11.4 B	9.10B	11.3B	617	128	134	84.3	77.0	136	99.5B	104 B	2
3	22.3B	11.3 B	9.00B	12.1B	685	118	117	84.6	72.9	126	99.0B	105 B	3
4	21.6B	11.1 B	9.00B	14.0B	713	107	104	50.7	72.0	118	98.0B	102 B	4
5	21.0B	10.9 B	9.00B	15.7B	700	93.6	90.9	49.9	69.6	108	102 B	98.0B	5
6	20.3B	10.8 B	8.90B	26.0B	645	86.9	87.6	80.4	69.3	89.1	118	94.0B	6
7	19.9B	10.7 B	8.80B	46.0B	584	86.3	86.7	103	69.5	90.6	181	91.0B	7
8	19.2B	10.6 B	8.70B	67.0B	530	77.7	101	188	70.3	85.3	278	87.0B	8
9	18.6B	10.5 B	8.65B	74.0B	517	68.1	96.2	198	69.1	80.0	281	84.0B	9
10	18.1B	10.4 B	8.60B	84.0B	539	66.2	82.9	184	68.7	74.4	278	81.0B	10
11	17.6B	10.3 B	8.50B	93.0B	583	63.1	75.5	168	71.0	75.2	276	78.0B	11
12	17.1B	10.3 B	8.40B	107 B	637	56.4	73.8	171	77.8	104	261	75.0B	12
13	16.6B	10.2 B	8.40B	130 B	613	53.2	76.4	183	96.0	139	236	73.0B	13
14	16.3B	10.1 B	8.35B	176 B	595	54.4	80.0	165	133	162	217	70.0B	14
15	15.9B	10.0 B	8.30B	220 B	598	56.6	108	176	153	178	198	66.0B	15
16	15.4B	10.0 B	8.30B	250 B	571	57.7	121	226	148	188	187	65.0B	16
17	15.1B	9.80B	8.30B	285 B	503	58.0	119	219	135	302	226	63.0B	17
18	14.8B	9.80B	8.30B	312 B	436	58.2	109	191	121	215	282	61.0B	18
19	14.4B	9.80B	8.30B	310 B	388	61.0	102	163	108	204	286	59.0B	19
20	14.1B	9.80B	8.20B	306 B	338	67.8	91.4	135	104	186	254	57.0B	20
21	13.8B	9.60B	8.20B	304 B	305	78.3	83.4	114	114	161	238	55.0B	21
22	13.5B	9.70B	8.20B	300 B	271	105	71.9	97.4	129	143	217	53.0B	22
23	13.1B	9.67B	8.20B	295 B	242	144	80.1	84.4	137	131	189	51.0B	23
24	12.9B	9.50B	8.30B	340 B	234	163	86.0	76.1	145	117	177	50.0B	24
25	12.7B	9.40B	8.40B	380 B	221	165	86.2	86.2	163	109	180	48.0B	25
26	12.5B	9.40B	8.50B	415 B	208	178	84.3	80.6	170	106	165	46.5B	26
27	12.3B	9.30B	9.00B	440 B	186	210	83.1	86.5	169	104	141	45.0B	27
28	12.1B	9.20B	9.50B	470 B	168	202	80.2	86.3	163	105	133	43.5B	28
29	11.9B	80.0	9.80B	485 B	171	176	39.0	80.7	159	109	134	42.0B	29
30	11.7B		10.0 B	520 B	157	167	84.3	86.8	157	103	120 B	40.5B	30
31	11.8B		10.2 B		148		83.4	78.6		101		39.5B	31
TOTAL	503.2	276.30	270.80	5 511.8	13 467	3 109.5	2 592.5	3 835.3	3 371.7	4 007.8	5 703.5	2 145.0	TOTAL
MEAN	16.2	12.9	8.73	217	435	104	83.6	117	112	129	190	69.2	MEAN
MAX	23.7	90.0	10.2	520	713	210	191	226	170	215	286	112	MAX
MIN	11.8	9.20	8.20	10.5	148	53.2	39.0	48.9	68.7	74.4	99.0	39.5	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 126
MAXIMUM DAILY, 713 ON MAY 4
MINIMUM DAILY, 8.20B ON MAR 20
MAXIMUM INSTANTANEOUS,
723 AT 12:15 EST ON MAY 4

SUMMARY FOR THE YEAR 1988

TYPE OF GAUGE - RECORDING
LOCATION - LAT 51 05 00 N
LONG 80 45 00 W
DRAINAGE AREA, 6 680 km²

B - ICE CONDITIONS

NATURAL FLOW

MONTHLY TOTAL DISCHARGE
IN CUBIC DECAMETRES

JAN	43 [illegible]	JUL	224 [illegible]
FEB	33 [illegible]	AUG	314 000
MAR	23 [illegible]	SEP	281 000
APR	583 [illegible]	OCT	346 000
MAY	1 170 000	NOV	493 000
JUN	269 000	DEC	185 000

TOTAL DISCHARGE, 3 850 000 dam³

NORTH MAGNETAWAN RIVER ABOVE PICKEREL LAKE - STATION NO. 02EA010

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1988

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	1.26 B	2.10B	0.880B	13.0 B	3.64	1.04	0.372	0.220	0.917	0.568	2.82	3.84	1
2	1.24 B	2.05B	0.860B	16.0 B	3.33	0.978	0.401	0.302	0.783	2.96	2.90	3.06	2
3	1.20 B	4.00B	0.840B	16.0 B	3.04	0.910	0.352	0.211	0.847	3.85	2.48	3.24	3
4	1.17 B	3.60B	0.820B	32.3	2.77	0.837	0.436	0.203	0.821	2.97	2.36	2.11	4
5	1.15 B	2.10B	0.810B	38.0	2.53	0.772	0.369	0.306	1.11	2.85	2.50	2.53	5
6	1.13 B	2.70B	0.800B	30.2	2.38	0.881	0.307	0.583	1.80	5.01	3.28	2.76	6
7	1.08 B	2.45B	0.880B	28.3	2.18	0.858	0.332	0.804	1.31	4.26	3.43	2.40	7
8	1.05 B	2.25B	0.880B	30.7	2.04	0.857	0.362	0.826	1.10	3.41	3.17	1.86	8
9	1.01 B	2.05B	0.870B	22.7	1.96	0.859	0.347	0.711	0.920	2.66	3.00	1.67	9
10	0.980B	1.90B	0.840B	13.5	2.26	0.834	0.231	1.27	0.783	2.82	4.66	1.66	10
11	0.950B	1.80B	1.03 B	9.83	2.64	0.814	0.269	1.13	0.677	3.13	13.2	1.61	11
12	0.920B	1.72B	1.12 B	8.42	2.45	0.822	0.301	0.784	0.682	3.96	10.7	1.40	12
13	0.900B	1.66B	1.11 B	7.70	4.90	0.870	0.386	0.824	0.801	3.73	7.40	1.34	13
14	0.870B	1.59B	1.10 B	8.17	7.45	0.924	0.369	1.04	0.535	3.34	7.38	1.308	14
15	0.855B	1.53B	1.05 B	9.74	5.48	0.925	0.247	2.38	0.588	2.98	7.08	1.278	15
16	0.850B	1.47B	1.01 B	7.86	4.73	0.902	0.268	1.64	0.541	2.78	5.15	1.248	16
17	0.870B	1.42B	0.980B	6.31	4.11	0.886	0.238	1.26	0.506	2.66	5.67	1.228	17
18	0.910B	1.36B	0.930B	5.55	3.61	0.882	0.240	1.15	0.450	8.73	5.60	1.228	18
19	0.870B	1.31B	0.910B	5.04	2.94	0.857	0.273	0.978	0.488	12.3	4.69	1.22	19
20	1.03 B	1.27B	0.880B	4.39	2.76	0.844	0.332	0.936	0.488	8.82	3.85	1.27	20
21	1.07 B	1.23B	0.850B	4.14	2.95	0.818	0.351	1.51	0.703	5.86	3.64	1.84	21
22	1.06 B	1.19B	0.820B	4.05	2.78	0.830	0.331	1.21	0.870	4.46	3.21	1.86	22
23	1.04 B	1.15B	0.820B	3.87	2.39	0.870	0.288	0.883	0.780	3.68	3.01	1.81	23
24	1.01 B	1.13B	0.880B	4.05	2.13	0.878	0.286	0.805	0.874	3.20	2.78	1.48	24
25	0.980B	1.10B	0.960B	4.76	1.88	0.883	0.378	1.16	0.847	2.98	2.68	1.62	25
26	0.940B	1.08B	1.20 B	4.43	1.75	0.832	0.413	2.58	0.581	2.80	2.48	1.47	26
27	0.910B	1.05B	2.10 B	4.28	1.66	0.864	0.429	2.46	0.521	2.74	2.78	1.38	27
28	0.870B	1.03B	4.80 B	4.04	1.53	0.824	0.453	1.75	0.528	2.66	8.26	1.37	28
29	0.850B	1.01B	5.40 B	4.05	1.37	0.862	0.388	1.43	0.546	3.51	5.67	1.41	29
30	0.870B		5.70 B	3.96	1.27	0.864	0.273	1.16	0.536	3.24	4.56	1.34	30
31	1.10 B		10.3 B		1.16		0.230	1.04		2.84		1.31	31
TOTAL	31.145	53.10	53.170	355.25	87.79	15.979	9.668	32.968	21.583	119.936	139.56	54.69	TOTAL
MEAN	1.00	1.83	1.72	11.8	2.83	0.633	0.318	1.06	0.719	3.87	4.65	1.76	MEAN
MAX	1.26	4.00	10.3	38.0	7.45	1.04	0.453	2.58	1.80	12.3	13.2	3.84	MAX
MIN	0.850	1.01	0.820	3.87	1.16	0.318	0.230	0.202	0.450	0.568	2.36	1.22	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 3.66
MAXIMUM DAILY, 38.0 ON APR 5
MINIMUM DAILY, 0.202 ON AUG 2
MAXIMUM INSTANTANEOUS,
37.6 AT 02:26 EST ON APR 5

SUMMARY FOR THE YEAR 1988

TYPE OF GAUGE - RECORDING
LOCATION - LAT 45 42 12 N
LONG 79 16 33 W
DRAINAGE AREA, 148 km²

B - ICE CONDITIONS

NATURAL FLOW

MONTHLY TOTAL DISCHARGE
IN CUBIC DECAMETRES

JAN	2 880	JUL	854
FEB	4 880	AUG	2 [illegible]
MAR	4 880	SEP	1 880
APR	30 700	OCT	10 [illegible]
MAY	7 880	NOV	12 [illegible]
JUN	1 380	DEC	4 730

TOTAL DISCHARGE, 84 300 dam³

NORTH MAGNETAWAN RIVER NEAR BURK'S FALLS - STATION NO. 02EA005

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1988

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	4.01	4.84	3.07	16.2	10.0	3.85	0.610	0.409	2.31	1.23	5.97	9.80	1
2	3.81	6.16	2.87	20.5	9.63	3.63	0.763	0.385	2.18	1.87	5.81	9.17	2
3	3.78	7.98	2.87	27.2	9.03	3.34	0.758	0.371	2.11	2.30	5.35	8.83	3
4	3.76	8.17	2.76	36.6	8.51	3.10	0.650	0.373	2.06	2.68	5.11	8.23	4
5	3.67	8.96	2.71	48.2	8.00	2.91	0.336	0.563	2.27	3.39	5.15	7.88	5
6	3.55	10.1	2.64	55.6	7.49	2.73	0.274	0.657	2.22	4.01	5.22	7.13	6
7	3.43	9.88	2.62	57.7	6.92	2.52	0.262	0.652	2.27	4.60	5.42	6.80	7
8	3.36	9.03	2.46	57.5	6.47	2.33	0.267	0.695	2.18	4.95	5.53	6.46	8
9	3.22	8.32	2.50	53.5	6.14	2.19	0.256	1.03	2.14	5.03	5.55	5.95	9
10	3.13	7.87	2.54	43.6	6.21	2.05	0.252	1.15	2.04	5.07	7.88	5.50	10
11	3.03	7.02	2.53	34.5	5.15	1.93	0.267	1.30	1.89	5.43	10.6	5.05	11
12	2.98	6.85	2.54	28.4	5.08	1.80	0.261	1.22	1.79	5.62	13.6	4.88	12
13	2.98	6.14	2.64	24.6	7.88	1.71	0.256	1.27	1.71	5.63	15.3	4.26	13
14	2.91	5.96	2.86	22.8	9.02	1.63	0.268	1.46	1.58	5.81	15.6	4.01	14
15	2.83	5.31	2.70	22.3	10.3	1.52	0.250	1.57	1.61	5.87	15.6	3.86	15
16	2.80	5.02	2.85	21.4	11.0	1.42	0.255	1.75	1.66	5.84	15.2	3.89	16
17	2.75	4.70	2.84	18.3	11.0	1.36	0.261	1.83	1.37	5.38	14.7	3.68	17
18	2.81	4.48	2.89	17.6	10.5	1.25	0.261	2.02	1.30	6.74	14.4	3.35	18
19	2.85	4.24	2.82	18.0	9.84	1.16	0.266	2.30	1.26	8.84	13.5	3.26	19
20	2.93	4.12	2.88	14.6	9.39	1.10	0.295	2.26	1.36	10.9	12.3	3.16	20
21	3.02	3.96	2.48	13.4	8.98	1.05	0.300	2.30	1.41	11.7	11.3	3.24	21
22	2.96	3.81	2.41	12.5	8.58	1.05	0.291	2.22	1.41	11.3	10.5	3.27	22
23	3.04	3.70	2.39	11.7	8.06	1.03	0.288	2.20	1.37	10.4	9.61	3.29	23
24	3.12	3.59	2.41	11.5	7.41	0.958	0.348	2.14	1.38	9.69	8.97	3.28	24
25	3.08	3.61	2.84	11.1	6.70	0.945	0.386	2.14	1.38	8.94	8.32	3.26	25
26	3.07	3.41	3.25	11.1	6.20	0.945	0.408	2.25	1.34	8.38	7.77	3.27	26
27	3.08	3.28	4.18	11.0	5.77	0.909	0.384	2.48	1.29	7.89	7.96	3.32	27
28	3.02	3.16	5.41	10.8	5.35	0.906	0.404	2.57	1.28	7.61	8.73	3.33	28
29	2.87	3.12	7.34	10.7	4.99	0.886	0.416	2.62	1.18	7.49	9.44	3.25	29
30	2.9[illegible]		9.76	10.3	4.65	0.837	0.422	2.50	1.12	7.41	9.80	3.20	30
31	3.[illegible]		12.5		4.19		0.413	2.38		7.19		3.18	31
TOTAL	98.36	167.61	108.01	764.9	240.13	53.161	11.363	46.865	50.05	196.97	289.07	150.27	TOTAL
MEAN	3.17	5.78	3.48	25.2	7.75	1.77	0.366	1.58	1.67	6.42	9.97	4.85	MEAN
MAX	4.01	10.1	12.5	57.7	11.0	3.85	0.610	2.62	2.31	11.7	15.6	9.80	MAX
MIN	2.75	3.12	2.38	10.3	4.19	0.837	0.250	0.371	1.12	1.23	5.11	3.18	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 5.85
MAXIMUM DAILY, 57.7 ON APR 7
MINIMUM DAILY, 0.250 ON JUL 15
MAXIMUM INSTANTANEOUS:
56.6 AT 02 38 EST ON APR 5

SUMMARY FOR THE YEAR 1988

TYPE OF GAUGE - RECORDING
LOCATION - LAT 45 40 10 N
LONG 79 22 43 W
DRAINAGE AREA, 321 km²

NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	8 800	JUL	881
FEB	14 500	AUG	4 230
MAR	9 330	SEP	4 320
APR	65 200	OCT	17 [illegible]03
MAY	20 700	NOV	25 800
JUN	4 590	DEC	13 000

TOTAL DISCHARGE, 188 000 dam³

NORTH RIVER AT THE FALLS - STATION NO. 02ED024

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1988

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	---	---	---	---	---	---	---	---	0.518	0.589	1.71	2.50	1
2	---	---	---	---	---	---	---	---	0.444	0.706	2.30	2.43	2
3	---	---	---	---	---	---	---	0.322A	0.472	0.990	2.22	2.34	3
4	---	---	---	---	---	---	---	0.284	0.509	1.01	2.08	2.04	4
5	---	---	---	---	---	---	---	0.550	2.10	1.04	2.17	2.07	5
6	---	---	---	---	---	---	---	0.528	3.28	1.11	4.03	2.10	6
7	---	---	---	---	---	---	---	0.451	1.31	0.970	3.85	2.08	7
8	---	---	---	---	---	---	---	0.377	0.932	0.867	2.85	2.05	8
9	---	---	---	---	---	---	---	0.368	0.881	0.762	3.83	1.69	9
10	---	---	---	---	---	---	---	0.428	0.713	0.777	5.03	1.688	10
11	---	---	---	---	---	---	---	0.472	0.634	0.801	7.43	1.838	11
12	---	---	---	---	---	---	---	0.380	0.620	0.982	8.80	1.508	12
13	---	---	---	---	---	---	---	0.381	0.721	1.02	8.06	1.828	13
14	---	---	---	---	---	---	---	0.344	0.656	1.03	6.82	1.65	14
15	---	---	---	---	---	---	---	0.328	0.641	0.956	6.13	1.78	15
16	---	---	---	---	---	---	---	0.325	0.588	0.725	4.05	1.84	16
17	---	---	---	---	---	---	---	0.334	0.702	0.808	3.58	1.86	17
18	---	---	---	---	---	---	---	0.342	0.772	1.11	3.16	1.83	18
19	---	---	---	---	---	---	---	0.360	0.763	1.46	2.83	1.98	19
20	---	---	---	---	---	---	---	0.385	0.781	1.28	2.80	2.11	20
21	---	---	---	---	---	---	---	0.363	0.847	1.17	3.00	4.00	21
22	---	---	---	---	---	---	---	0.328	0.784	1.17	3.70	3.88	22
23	---	---	---	---	---	---	---	0.330	0.803	1.22	3.14	2.84	23
24	---	---	---	---	---	---	---	0.330	1.05	1.39	2.85	2.85	24
25	---	---	---	---	---	---	---	0.484	0.800	1.48	2.87	2.83	25
26	---	---	---	---	---	---	---	0.544	0.784	2.38	2.53	2.87	26
27	---	---	---	---	---	---	---	0.518	0.788	2.66	2.48	2.86	27
28	---	---	---	---	---	---	---	0.501	0.818	2.43	2.40	3.44	28
29	---	---	---	---	---	---	---	0.468	0.747	2.31	2.41	4.04	29
30	---		---	---	---	---	---	0.439	0.702	2.31	2.33	3.71	30
31	---		---		---		---	0.503		1.82		3.48	31
TOTAL	---	---	---	---	---	---	---	---	25.100	39.367	104.85	74.32	TOTAL
MEAN	---	---	---	---	---	---	---	---	0.837	1.27	3.50	2.40	MEAN
MAX	---	---	---	---	---	---	---	---	2.28	2.66	7.43	4.04	MAX
MIN	---	---	---	---	---	---	---	---	0.444	0.589	1.71	1.80	MIN

SUMMARY FOR THE YEAR 1988

TYPE OF GAUGE - RECORDING
LOCATION - LAT 44 48 05 N
LONG 79 34 38 W

A - MANUAL GAUGE
B - ICE CONDITIONS

NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	---	JUL	---
FEB	---	AUG	---
MAR	---	SEP	2 170
APR	---	OCT	3 400
MAY	---	NOV	8 080
JUN	---	DEC	6 420

REMARKS - STATION ACTIVATED AUG 1988

NORTH RIVER NEAR COLDWATER - STATION NO. 02ED0[illegible]2

DAILY WATER LEVEL IN METRES FOR 1988

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	---	---	---	---	---	---	---	---	2.444	2.380	2.288	2.471	1
2	---	---	---	---	---	---	---	---	2.462	2.406	2.271	2.606	2
3	---	---	---	---	---	---	---	2.528A	2.403	2.363	2.293	2.641	3
4	---	---	---	---	---	---	---	2.499	2.401	2.266	2.198	2.598	4
5	---	---	---	---	---	---	---	2.500	2.511	2.332	2.067	2.377	5
6	---	---	---	---	---	---	---	2.638	2.518	2.386	2.239	2.421	6
7	---	---	---	---	---	---	---	2.580	2.478	2.334	2.285	2.460	7
8	---	---	---	---	---	---	---	2.504	2.410	2.271	2.346	2.365	8
9	---	---	---	---	---	---	---	2.515	2.451	2.256	2.384	2.412	9
10	---	---	---	---	---	---	---	2.558	2.548	2.410	2.404	2.332	10
11	---	---	---	---	---	---	---	2.477	2.425	2.552	2.479	2.288	11
12	---	---	---	---	---	---	---	2.512	2.346	2.437	2.226	2.263	12
13	---	---	---	---	---	---	---	2.516	2.551	2.383	2.348	2.364	13
14	---	---	---	---	---	---	---	2.572	2.538	2.417	2.550	2.261	14
15	---	---	---	---	---	---	---	2.746	2.389	2.281	2.263	2.480	15
16	---	---	---	---	---	---	---	2.646	2.266	2.232	2.224	2.301	16
17	---	---	---	---	---	---	---	2.573	2.326	2.322	2.742	2.298	17
18	---	---	---	---	---	---	---	2.487	2.392	2.438	2.598	2.301	18
19	---	---	---	---	---	---	---	2.456	2.286	2.347	2.189	2.274	19
20	---	---	---	---	---	---	---	2.496	2.286	2.302	2.332	2.316	20
21	---	---	---	---	---	---	---	2.485	2.585	2.247	2.482	2.487	21
22	---	---	---	---	---	---	---	2.429	2.392	2.310	2.329	2.228	22
23	---	---	---	---	---	---	---	2.342	2.580	2.290	2.342	2.180	23
24	---	---	---	---	---	---	---	2.469	2.478	2.231	2.306	2.350	24
25	---	---	---	---	---	---	---	2.624	2.421	2.440	2.258	2.549	25
26	---	---	---	---	---	---	---	2.604	2.408	2.411	2.239	2.426	26
27	---	---	---	---	---	---	---	2.424	2.419	2.363	2.375	2.232	27
28	---	---	---	---	---	---	---	2.512	2.352	2.575	2.452	2.511	28
29	---	---	---	---	---	---	---	2.478	2.203	2.376	2.410	2.411	29
30	---		---	---	---	---	---	2.469	2.340	2.412	2.416	2.349	30
31	---		---		---		---	2.414		2.308		2.375	31
MEAN	---	---	---	---	---	---	---	---	2.423	2.367	2.348	2.368	MEAN
MAX	---	---	---	---	---	---	---	---	2.585	2.575	2.742	2.641	MAX
MIN	---	---	---	---	---	---	---	---	2.203	2.231	2.067	2.180	MIN

SUMMARY FOR THE YEAR 1988

TYPE OF GAUGE - RECORDING
LOCATION - LAT 44 44 22 N
LONG 79 38 12 W

A - MANUAL GAUGE

WATER LEVELS ARE REFERRED TO ASSUMED DATUM
APPLY 174.057 m ADJUSTMENT TO CONVERT TO GEODETIC SURVEY OF CANADA DATUM

REMARKS - STATION ACTIVATED AUG 1988

NORTH SAUGEEN RIVER ABOVE CHESLEY - STATION NO. 02FC018

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1988

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	3.40B	7.38B	2.40B	10.3	---	---	---	---	---	---	---	---	1
2	3.10B	8.08E	2.34B	9.50	---	---	---	---	---	---	---	---	2
3	2.80B	8.76E	2.28B	9.42	---	---	---	---	---	---	---	---	3
4	2.70B	7.82E	2.17B	9.54	---	---	---	---	---	---	---	---	4
5	1.94B	7.66E	2.11B	9.72	---	---	---	---	---	---	---	---	5
6	1.82B	5.02B	2.07B	9.50	---	---	---	---	---	---	---	---	6
7	1.73B	4.44B	2.04B	9.15	---	---	---	---	---	---	---	---	7
8	1.68B	3.41B	3.21E	8.46	---	---	---	---	---	---	---	---	8
9	1.64B	2.66B	4.37E	7.84	---	---	---	---	---	---	---	---	9
10	1.62B	2.59B	5.12E	7.26	---	---	---	1.62A	---	---	---	---	10
11	1.59B	2.40B	5.13E	8.64	---	---	---	---	---	---	---	---	11
12	1.56B	2.33B	4.90E	8.14	---	---	---	---	---	---	---	---	12
13	1.57B	2.26B	4.72E	8.84	---	---	---	---	---	---	---	---	13
14	1.58B	2.22B	4.57	8.92A	---	---	---	---	1.42A	---	---	---	14
15	1.56B	2.31B	4.18E	---	---	---	---	---	---	---	---	1.79B	15
16	1.60B	2.64B	3.82E	---	---	---	---	---	---	---	---	1.78B	16
17	1.77B	3.41B	3.67E	---	---	---	---	2.00A	---	---	---	1.80B	17
18	2.00B	4.61B	3.40B	---	3.18A	---	---	---	---	---	---	1.82B	18
19	2.59B	4.36B	3.22B	---	---	---	---	---	---	---	---	1.54B	19
20	3.28B	4.14B	3.00B	---	---	---	---	---	---	---	---	2.33B	20
21	52B	3.84B	2.88B	---	---	---	---	---	---	---	---	3.04B	21
22	4.13B	3.56B	2.63B	---	---	---	---	---	---	---	---	4.78B	22
23	4.06B	3.32B	3.33	---	---	---	---	---	---	---	---	5.54	23
24	3.66B	2.92B	4.95	---	---	---	---	---	---	---	---	5.58	24
25	3.34B	2.66B	8.49	---	---	---	---	---	---	---	---	5.27	25
26	3.06B	2.61B	10.6	---	---	---	---	---	---	---	---	4.74B	26
27	2.78B	2.70B	11.6	---	---	---	---	---	---	---	---	4.64B	27
28	2.56B	2.52B	11.0	---	---	---	---	---	---	---	---	6.23	28
29	2.27B	2.46B	10.8	---	---	---	---	---	---	---	---	5.71B	29
30	2.29B		10.8	---	---	---	---	---	---	---	---	5.60B	30
31	4.50B		10.4		---		---	---		---		5.21B	31
TOTAL	78.66	116.11	188.52	---	---	---	---	---	---	---	---	---	TOTAL
MEAN	2.54	4.00	6.08	---	---	---	---	---	---	---	---	---	MEAN
MAX	4.52	8.76	11.6	---	---	---	---	---	---	---	---	---	MAX
MIN	1.56	2.22	2.04	---	---	---	---	---	---	---	---	---	MIN

SUMMARY FOR THE YEAR 1988

TYPE OF GAUGE - RECORDING
LOCATION - LAT 44 19 05 N
LONG 81 02 26 W
DRAINAGE AREA, 216 km²
A - MANUAL GAUGE
B - ICE CONDITIONS
E - ESTIMATED
NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	6 810	JUL	---
FEB	10 000	AUG	---
MAR	13 500	SEP	---
APR	---	OCT	---
MAY	---	NOV	---
JUN	---	DEC	---

REMARKS - DATA UNAVAILABLE APR 15-DEC 14 DUE TO EQUIPMENT PROBLEMS

NORTH THAMES RIVER AT ST. MARYS - STATION NO. 02GD005

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1988

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	7.508	73.0 B	6.336	22.1	5.75	2.82	1.26	2.37	1.05	1.78	8.51	11.5	1
2	6.208	34.1	6.238	16.5	5.56	2.70	1.24	2.15	1.02	2.51	7.15	11.0	2
3	6.008	16.5 B	6.56	41.0	5.37	2.62	1.21	1.76	1.75	2.87	8.18	10.8	3
4	5.808	15.0 B	5.988	70.8	5.21	2.50	1.23	1.61	4.53	2.82	6.02	10.1	4
5	5.608	8.608	5.648	41.2	5.13	2.37	1.21	1.85	2.70	2.82	7.02	8.87	5
6	5.808	7.868	5.88	29.0	5.06	2.22	1.27	1.68	2.08	2.26	18.7	7.31	6
7	5.408	7.608	7.11	22.7	4.97	2.16	1.25	1.44	1.86	7.15	18.5	6.57	7
8	5.308	7.808	12.5	18.1	4.82	2.11	1.26	1.26	1.83	2..	17.5	5.38	8
9	5.208	7.408	46.0 B	15.6	5.28	2.03	1.24	1.24	1.71	2.01	28.5	4.958	9
10	5.108	7.258	80.0 B	13.6	5.50	1.98	1.25	1.23	1.69	2.61	42.8	4.308	10
11	4.988	7.308	71.8	11.5	5.88	1.93	1.33	1.20	1.80	14.6	63.2	4.108	11
12	5.008	7.228	86.4	9.48	5.61	1.86	2.32	1.11	1.56	18.4	35.5	3.958	12
13	4.858	7.158	46.8	7.20	5.50	1.80	1.82	1.15	2.06	10.7	53.8	3.788	13
14	4.808	7.448	33.2	7.15	5.22	1.79	1.36	1.20	1.73	7.03	73.0	3.708	14
15	4.808	7.58	23.4	6.76	5.22	1.76	1.27	1.51	1.59	5.43	44.2	3.908	15
16	4.67	10.2	18.0	5.97	5.32	1.83	1.85	1.37	1.50	4.61	28.4	3.588	16
17	4.88	11.8	14.4	6.22	11.2	1.77	3.42	1.18	1.57	4.18	25.5	3.508	17
18	12.2	11.4 B	13.1	8.50	8.35	1.72	2.06	1.06	1.50	8.70	19.3	3.488	18
19	14.6	10.1 B	11.8	8.10	6.86	1.70	1.67	1.11	1.65	8.73	14.6	3.458	19
20	15.7	8.758	10.1 B	5.71	6.36	1.86	1.44	1.09	1.60	7.42	18.0	8.308	20
21	25.5 B	7.568	8.208	6.66	25.8	1.59	1.43	1.04	1.65	6.06	43.5	20.0 B	21
22	12.9 B	7.568	7.488	6.58	17.1	1.80	1.32	1.02	1.66	5.72	37.1	17.7	22
23	11.5 B	8.508	20.8	7.51	10.3	1.56	1.44	1.07	2.20	5.68	27.2	15.8	23
24	9.45	8.008	138	8.92	7.26	1.58	1.54	1.14	1.98	6.42	20.4	22.5	24
25	7.76	8.958	168	8.32	5.71	1.55	1.40	1.32	1.78	28.8	15.8	19.1	25
26	8.608	8.408	180	7.20	4.93	1.60	1.32	1.25	1.62	39.1	14.2	9.508	26
27	8.508	8.108	101	6.64	4.33	1.33	1.16	1.17	1.62	36.8	13.6	13.6 B	27
28	8.208	7.488	64.7	6.37	3.94	1.35	1.24	1.10	1.83	28.8	13.3	88.0	28
29	8.808	8.84	42.0	6.18	3.66	1.39	1.31	1.05	1.84	23.5	12.7	67.0 B	29
30	7.37		40.8	6.06	3.23	1.29	1.22	0.881	1.85	14.8	11.8	24.5 B	30
31	26.0 B		28.0		2.98		1.29	1.16		10.8		18.0 B	31
TOTAL	280.04	348.45	1 249.41	437.18	211.59	55.90	45.23	40.861	54.78	318.08	742.89	410.39	TOTAL
MEAN	8.38	12.1	40.3	14.6	6.83	1.86	1.46	1.32	1.83	10.3	24.8	13.2	MEAN
MAX	26.0	73.0	180	70.8	25.8	2.82	3.42	2.37	4.53	39.1	73.0	88.0	MAX
MIN	4.67	6.94	6.04	5.71	2.98	1.29	1.16	0.881	1.03	1.78	6.02	3.48	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 11.4
MAXIMUM DAILY, 180 ON MAR 26
MINIMUM DAILY, 0.881 ON AUG 30
MAXIMUM INSTANTANEOUS,
226 AT 03:47 EST ON MAR 26

SUMMARY FOR THE YEAR 1988

TYPE OF GAUGE - RECORDING
LOCATION - LAT 43 15 18 N
LONG 81 08 43 W
DRAINAGE AREA, 1 080 km²

B - ICE CONDITIONS

REGULATED

MONTHLY TOTAL DISCHARGE
IN CUBIC DECAMETRES

JAN	22 [illegible]	JUL	3 910
FEB	30 200	AUG	3 530
MAR	106 [illegible]	SEP	4 730
APR	37 [illegible]	OCT	27 500
MAY	16 300	NOV	64 200
JUN	4 [illegible]	DEC	35 500

TOTAL DISCHARGE, 361 000 dam³

NORTH THAMES RIVER BELOW PARKHAWE DAM - STATION NO. 02GD003

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1988

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	11.7	50.2	9.01	29.6	9.38	5.50	1.77	1.40	1.81	2.63	16.5	16.0	1
2	8.81	62.7	8.37	27.9	7.13	6.55	1.81	1.58	1.85	1.74	16.3	14.7	2
3	8.87	44.4	8.97	27.7	7.14	4.85	1.80	2.22	1.94	2.27	16.2	13.8	3
4	7.06	27.5	8.81	38.9	6.30	3.17	1.78	2.40	2.38	2.54	14.8	13.8	4
5	6.84	15.5	8.16	52.4	5.82	3.10	1.77	2.09	3.08	2.81	7.88	13.4	5
6	6.66	9.36	8.01A	64.8	4.83	3.00	1.63	1.36	3.26	2.56	8.03	12.5	6
7	6.56	6.84	14.0 E	46.6	4.78	2.86	0.388	1.36	3.27	2.76	11.3	10.7	7
8	6.88	7.01	23.0 E	30.3	7.56	2.74	0.918	2.17	3.28	2.84	19.5	9.18	8
9	6.98	8.57	40.0 E	26.4	7.71	2.60	0.805	2.34	3.29	2.67	20.1	7.98	9
10	6.52	6.98	70.0 E	23.1	7.41	2.38	0.840	2.31	3.41	2.67	22.1	7.40	10
11	6.30	8.81	90.0 E	19.7	6.85	2.01	1.48	2.26	3.50	5.26	60.4	7.36	11
12	6.52	8.84	73.0 E	16.9	6.85	1.96	1.82	2.32	3.16	16.6	72.0	6.63	12
13	4.57	8.22	58.0 E	11.3	6.53	1.86	1.69	1.78	2.72	23.8	60.9	6.86	13
14	5.42	7.36	48.0 E	10.1	6.84	2.13	1.48	1.23	2.68	18.5	48.5	6.68	14
15	5.49	7.87	40.0 E	8.48	3.82	2.18	0.826	2.16	2.68	12.3	41.5	6.87	15
16	5.47	8.36	31.0 A	7.28	6.36	1.85	0.628	2.29	2.70	8.23	55.1	6.20	16
17	5.37	12.2	28.0	7.25	8.37	1.86	0.820	2.15	1.78	11.7	32.6	4.18	17
18	6.20	14.3	21.7	7.30	8.31	1.90	1.78	1.81	2.76	14.2	25.1	4.28	18
19	14.3	14.1	18.0	7.00	8.26	1.84	2.68	1.87	2.82	14.2	23.7	4.17	19
20	16.8	13.0	17.1	6.38	8.01	1.86	3.72	1.77	2.76	14.2	21.8	4.14	20
21	25.7	10.2	13.0	6.62	8.02	1.66	2.87	1.58	2.63	14.1	61.0	5.58	21
22	22.8	8.10	11.4	6.53	12.8	1.38	2.46	1.85	2.81	14.0	58.1	5.46	22
23	16.1	11.4	11.4	6.63	16.4	1.15	2.32	1.58	2.76	13.9	46.0	16.5	23
24	13.1	13.4	87.0	6.77	8.28	1.54	2.32	0.732	2.88	16.3	26.6	16.0	24
25	10.7	13.4	102	8.21	7.56	1.78	2.32	0.183	2.78	17.4	23.2	10.6	25
26	8.98	12.4	120 E	8.02	8.00	1.78	2.29	1.02	2.77	16.1	16.7	16.7	26
27	7.42	11.6	100 E	11.3	8.11	1.78	2.32	1.42	2.83	25.1	15.6	27.1	27
28	6.38	10.6	79.6 A	10.2	4.28	1.81	2.05	1.43	2.88	34.5	16.1	48.1	28
29	6.31	9.80	71.8	7.68	4.27	1.77	1.53	1.15	2.71	31.4	17.5	80.1	29
30	6.26		62.7	7.00	5.41	1.77	1.51	1.09	2.80	23.1	16.7	88.1	30
31	16.4		44.3		5.12		1.38	1.75		18.7		49.2	31
TOTAL	298.38	447.01	1 287.93	549.61	221.02	73.10	54.387	53.388	82.58	391.28	959.32	532.31	TOTAL
MEAN	9.30	15.4	41.9	18.3	7.13	2.44	1.75	1.72	2.75	12.6	31.9	17.2	MEAN
MAX	25.7	62.7	120	64.8	16.4	6.55	3.72	2.40	3.50	34.5	88.5	88.1	MAX
MIN	4.57	6.84	8.01	6.38	3.82	1.15	0.388	0.183	1.78	1.74	7.88	4.14	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 13.5
MAXIMUM DAILY, 120E ON MAR 26
MINIMUM DAILY, 0.183 ON AUG 26

SUMMARY FOR THE YEAR 1988

TYPE OF GAUGE - RECORDING
LOCATION - LAT 43 02 20 N
LONG 81 11 05 W
DRAINAGE AREA, 1 450 km²
A - MANUAL GAUGE

E - ESTIMATED
REGULATED SINCE 1953

MONTHLY TOTAL DISCHARGE
IN CUBIC DECAMETRES

JAN	24 [illegible]	JUL	4 700
FEB	38 [illegible]	AUG	4 510
MAR	112 000	SEP	7 130
APR	67 [illegible]	OCT	33 400
MAY	19 [illegible]	NOV	82 800
JUN	6 [illegible]	DEC	46 000

TOTAL DISCHARGE, 427 000 dam³

NORTH THAMES RIVER NEAR MITCHELL - STATION NO. 02GD014

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1988

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	1.80 B	25.7	1.858	7.91	0.988	0.305E	0.022E	0.012E	0.008E	0.015E	3.00E	2.77	1
2	1.10 B	8.68	1.728	8.27	0.868	0.260E	0.021E	0.011E	0.008E	0.018E	1.80E	2.76	2
3	0.700B	6.04	1.628	11.0	0.770	0.260E	0.020E	0.011E	0.008E	0.030E	1.50E	2.63	3
4	0.570B	3.628	1.528	16.1	0.700	0.235E	0.019E	0.010E	0.012E	0.035E	1.32E	2.24	4
5	0.500B	2.608	1.448	10.7	0.640	0.215E	0.019E	0.010E	0.037E	0.032E	1.20E	2.05	5
6	0.460B	2.108	1.428	7.78	0.591	0.200E	0.019E	0.010E	0.026E	0.045E	1.60E	1.86	6
7	0.430B	1.808	1.408	5.70	0.512	0.180E	0.019E	0.009E	0.030E	0.042E	7.00E	1.68	7
8	0.410B	1.678	1.908	4.47	0.467	0.180E	0.019E	0.009E	0.032E	0.034E	6.00E	1.41	8
9	0.390B	1.548	14.0 B	3.68	0.553	0.143E	0.019E	0.009E	0.025E	0.028E	5.10E	1.12 B	9
10	0.380B	1.508	23.7 B	2.98	0.711	0.130E	0.019E	0.008E	0.020E	0.045E	9.00E	1.00 B	10
11	0.380B	1.428	26.4	2.78	0.594	0.120E	0.018E	0.008E	0.018E	0.048E	14.5 E	0.900B	11
12	0.400B	1.388	24.5	1.63	0.470	0.110E	0.018E	0.008E	0.014E	0.400E	17.5 E	0.850B	12
13	0.410B	1.358	19.7	0.949	0.454	0.100E	0.018E	0.008E	0.008E	10.0 E	11.5 E	0.800B	13
14	0.380B	1.328	11.6	0.973	0.433	0.095E	0.018E	0.008E	0.008E	9.20 E	24.0 E	0.850B	14
15	0.380B	2.008	8.488	1.07	0.497	0.080E	0.018E	0.008E	0.008E	8.20 E	30.0 E	0.970B	15
16	0.370B	2.708	6.158	1.35	1.35	0.075E	0.018E	0.011E	0.008E	2.50 E	15.0 E	0.820B	16
17	0.520B	3.308	4.858	1.18	1.01	0.070E	0.022E	0.009E	0.008E	1.30 E	10.0 E	0.800B	17
18	3.30 B	3.008	4.78	1.26	0.702	0.065E	0.040E	0.010E	0.008E	1.00 E	4.48A	0.770B	18
19	5.00 B	2.808	4.26	1.02	0.588	0.058E	0.030E	0.009E	0.008E	0.900E	3.38	0.750B	19
20	4.70 B	2.808	3.86	0.979	5.31	0.050E	0.020E	0.008E	0.008E	8.20 E	4.03	0.900B	20
21	5.00 B	2.408	3.06	1.30	8.48	0.045E	0.017E	0.010E	0.008E	4.00 E	14.3	11.5 B	21
22	4.70 B	2.308	2.73	1.24	4.27	0.040E	0.017E	0.012E	0.011E	3.00 E	9.47	8.84	22
23	2.80 B	2.708	12.3	1.65	2.47	0.035E	0.017E	0.011E	0.015E	2.00 E	6.08	6.42	23
24	2.00 B	3.008	58.2	2.12	1.67	0.022E	0.016E	0.010E	0.018E	1.50 E	4.46	9.17	24
25	1.50 B	2.878	76.9	1.81	1.14	0.029E	0.016E	0.009E	0.014E	1.20 E	3.39	6.65	25
26	1.20 B	2.658	89.3	1.41	0.841	0.025E	0.015E	0.008A	0.014E	14.0 E	2.79	3.80 B	26
27	1.00 B	2.408	33.3	1.28	0.588	0.020E	0.015E	0.008E	0.013E	23.0 E	2.84	4.70 B	27
28	0.940B	2.208	15.2	1.24	0.548	0.018E	0.014E	0.008E	0.013E	17.0 E	3.05	33.8	28
29	0.900B	2.008	17.6	1.11	0.480	0.013A	0.013E	0.008E	0.012E	10.0 E	2.85	14.4	29
30	1.40 B		18.5	1.08	0.411A	0.012E	0.012E	0.008E	0.012E	7.50 E	2.59	7.70 B	30
31	12.0 B		10.8		0.330E		0.012E	0.008E		5.40 E		4.95 B	31
TOTAL	59.830	100.78	475.75	103.781	40.518	3.195	0.581	0.287	0.433	124.870	223.82	136.190	TOTAL
MEAN	1.93	3.48	15.3	3.46	1.31	0.107	0.019	0.009	0.014	4.02	7.46	4.39	MEAN
MAX	12.0	25.7	76.9	16.1	9.48	0.305	0.040	0.012	0.037	23.0	30.0	33.8	MAX
MIN	0.370	1.33	1.40	0.949	0.330	0.012	0.012	0.008	0.008	0.015	1.20	0.730	MIN

SUMMARY FOR THE YEAR 1988

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 3.47
MAXIMUM DAILY, 76.9 ON MAR 25
MINIMUM DAILY, 0.008E ON AUG 10
MAXIMUM INSTANTANEOUS,
119 AT 20:50 EST ON MAR 25

TYPE OF GAUGE - RECORDING
LOCATION - LAT 43 27 00 N
LONG 81 12 30 W
DRAINAGE AREA, 319 km²
A - MANUAL GAUGE
B - ICE CONDITIONS
E - ESTIMATED
REGULATED

MONTHLY TOTAL DISCHARGE
IN CUBIC DECAMETRES

JAN	5 170	JUL	50.2
FEB	8 710	AUG	24.8
MAR	41 100	SEP	37.4
APR	8 970	OCT	10 800
MAY	3 500	NOV	19 300
JUN	276	DEC	11 800

TOTAL DISCHARGE, 110 000 dam³

NORTH THAMES RIVER NEAR THORNDALE - STATION NO. 02GD015

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1988

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	8.708	67.6	8.028	30.5 A	7.13	2.84	1.40	2.16	1.19	1.97E	11.8	14.5	1
2	7.808	50.1	7.868	24.2	5.74	2.65	1.35	2.53	1.20	2.75E	10.3	14.2	2
3	7.868	22.6 B	8.598	46.8	8.42	2.81	1.32	1.81	1.48	3.12E	8.90	13.8	3
4	7.388	16.6 B	7.678	88.7	6.13	2.73	1.29	1.73	5.88	3.11E	8.18	13.0	4
5	6.898	11.1 B	7.198	57.5	5.98	2.50	1.28	1.61	4.70	3.10E	8.81	12.0	5
6	8.788	9.928	7.488	40.4	5.03	2.36	1.28	1.84	2.85	2.50E	23.1	9.98	6
7	8.808	9.698	10.3 B	30.3	5.74	2.36	1.31	1.87	2.15	2.40E	25.5	9.42	7
8	8.488	9.368	18.7 B	23.7	5.54	2.32	1.24	1.42	1.82	2.40E	21.7	7.57	8
9	8.388	9.138	83.7 B	19.6	5.07	2.20	1.26	1.37	1.86	2.20E	33.7	8.51	9
10	8.238	9.078	95.2	17.1	7.74	2.15	1.22	1.43	1.80	2.80E	51.3	8.008	10
11	8.048	8.968	85.0	15.1	7.47	2.03	1.30	1.35	1.71	18.0 E	82.2	8.808	11
12	8.048	8.858	78.6	12.5	6.66	1.89	1.86	1.34	1.72	25.0 E	82.6	8.308	12
13	8.008	8.618	62.0	10.3	6.64	1.88	1.78	1.28	1.84A	15.0 E	66.4	8.008	13
14	8.858	8.718	45.8	9.74	6.19	1.77	1.41	1.24	1.88E	10.0 E	87.9	4.908	14
15	8.728	8.208	31.7	9.87	6.24	1.67	1.27	1.54	1.72E	7.50E	84.4	4.808	15
16	8.658	12.6 B	24.6	8.15	9.17	1.70	1.38	1.80	1.85E	6.00E	42.6	4.508	16
17	8.088	14.6 B	19.3	8.33	13.2	1.76	3.05	1.44	1.70E	5.50E	34.9	4.558	17
18	16.3 B	14.0 B	17.1	8.96	10.4	1.85	2.85	1.24	1.68E	9.00E	26.0	4.508	18
19	18.6 B	12.5 B	15.9	8.66	8.35	1.56	1.81	1.16	1.80E	12.5 A	20.4	4.408	19
20	19.6 B	11.1 B	13.1 B	7.81	7.33	1.59	1.59	1.16	1.75E	11.9	20.0	7.008	20
21	31.6 B	9.578	10.7 B	8.84	20.2	1.49	1.50	1.17	1.80E	9.08	59.1	38.5 B	21
22	18.9	9.488	9.698	8.90	18.6	1.84	1.81	1.14	2.05E	8.85	56.9	26.0 B	22
23	15.8	11.1 B	25.8 B	9.27	11.8	1.81	1.55	1.15	2.40E	8.58	39.9	22.4	23
24	12.4	12.0 B	135	12.2	8.58	1.82	1.77	1.20	2.15E	9.15	28.4	33.1	24
25	10.5	12.4 B	147	11.0	8.82	1.45	1.80	1.32	1.80E	33.5	21.1	23.1	25
26	9.42	10.8 B	197	9.52	5.46	1.34	1.81	1.80	1.78E	58.2	18.4	18.3	26
27	7.798	10.2 B	118	8.70	4.88	1.34	1.42	1.37	1.78E	54.6	17.4	17.2	27
28	7.428	9.528	82.1	8.20	4.10	1.34	1.37	1.29	1.88E	41.1	16.9	102	28
29	8.848	8.788	55.4	7.82	3.87	1.47	1.36	1.22	2.00E	32.8	15.6	70.3	29
30	9.318		38.2	7.66	3.37	1.46	1.50	1.19	2.01E	20.1	14.6	38.0 B	30
31	22.2		41.1 A		3.12		1.45	1.21		14.5		24.0 B	31
TOTAL	329.94	440.46	1 485.98	570.32	234.87	57.41	48.03	45.45	61.81	436.12	897.89	587.63	TOTAL
MEAN	10.6	15.2	47.9	19.0	7.58	1.91	1.55	1.47	2.06	14.1	33.3	18.3	MEAN
MAX	32.2	67.6	197	88.7	20.2	2.84	3.05	2.53	5.88	58.2	97.9	102	MAX
MIN	5.88	8.81	7.18	7.66	3.12	1.36	1.22	1.14	1.19	1.97	8.18	4.40	MIN

SUMMARY FOR THE YEAR 1988

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 14.6
MAXIMUM DAILY, 197 ON MAR 26
MINIMUM DAILY, 1.14 ON AUG 22
MAXIMUM INSTANTANEOUS,
235 AT 04:52 EST ON MAR 26

TYPE OF GAUGE - RECORDING
LOCATION - LAT 43 08 57 N
LONG 81 11 30 W
DRAINAGE AREA, 1 340 km²
A - MANUAL GAUGE
B - ICE CONDITIONS
E - ESTIMATED
REGULATED

MONTHLY TOTAL DISCHARGE
IN CUBIC DECAMETRES

JAN	28 500	JUL	4 150
FEB	36 100	AUG	3 520
MAR	126 000	SEP	5 240
APR	49 300	OCT	37 900
MAY	20 300	NOV	88 200
JUN	4 960	DEC	49 000

TOTAL DISCHARGE, 455 000 dam³

NORTH WEST GANARASKA RIVER NEAR OSACA - STATION NO. 02HD004

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1988

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	0.2858	1.40 B	0.3278	0.8548	0.488E	0.328	0.275	0.253	0.251	0.283	0.314	0.338	1
2	0.2788	0.5008	0.3288	0.741	0.462E	0.318	0.271	0.235	0.250	0.370	0.312	0.318	2
3	0.2728	0.4108	0.3348	1.24	0.433E	0.376	0.266	0.218	0.253	0.370	0.300	0.3058	3
4	0.2678	0.3858	0.3438	1.30	0.434	0.380	0.257	0.215	0.518	0.300	0.318	0.305	4
5	0.2658	0.3708	0.3858	0.884	0.416	0.321	0.252	0.207	0.552	0.385	0.504	0.308	5
6	0.2638	0.3808	0.3708	0.785	0.423	0.308	0.247	0.221	0.321	0.318	0.808	0.321	6
7	0.2608	0.3508	0.3858	0.760	0.401	0.336E	0.239E	0.220	0.283	0.305	0.504	0.343	7
8	0.2598	0.3458	0.4588	0.698	0.389	0.370E	0.211E	0.223	0.254	0.299	0.494	0.322	8
9	0.2578	0.3418	0.6008	0.596	0.438	0.387E	0.180E	0.223	0.254	0.299	0.505	0.2808	9
10	0.2558	0.3388	0.9808	0.547	0.476	0.361E	0.183E	0.204	0.245	0.383	0.509	0.2788	10
11	0.2548	0.3338	0.7008	0.535	0.416	0.322E	0.211E	0.200	0.240	0.447	0.445	0.2638	11
12	0.2538	0.3328	0.5008	0.499	0.389	0.294E	0.281E	0.202	0.242	0.318	0.386	0.2508	12
13	0.2528	0.3318	0.3808	0.529	0.405	0.281E	0.205	0.187	0.288	0.302	0.744	0.2348	13
14	0.2528	0.3308	0.3558	0.589	0.384	0.285E	0.205	0.203	0.285	0.275	0.622	0.2208	14
15	0.2528	0.8008	0.3418	0.843	0.414	0.388E	0.210	0.236	0.248	0.300	0.408	0.2118	15
16	0.2518	0.8008	0.3478	0.583	0.734	0.234	0.219	0.215	0.284	0.384	0.407	0.2008	16
17	0.2518	0.5808	0.3648	0.498	0.736	0.241	0.280	0.242	0.323	0.318	0.479	0.2358	17
18	0.8008	0.4758	0.3258	0.537	0.548	0.230	0.237	0.227	0.307	0.557	0.389	0.2858	18
19	0.5108	0.4608	0.2908	0.492	0.541	0.225	0.228	0.219	0.278	0.371	0.384	0.2858	19
20	2.00 B	0.8008	0.2858	0.482	0.706	0.217	0.228	0.217	0.381	0.318	0.413	0.3208	20
21	0.8008	0.4408	0.3138	0.584	0.557	0.257	0.243	0.207	0.314	0.311	0.587	0.3688	21
22	0.3908	0.4508	0.3588	0.472	0.444	0.510	0.260	0.209	0.277	0.558	0.409	0.3008	22
23	0.3508	0.5408	1.70 B	0.480	0.410	0.531	0.235	0.228	0.478	0.419	0.358	0.4108	23
24	0.3308	0.4508	4.80 B	0.455	0.374	0.308	0.465	0.303	0.309	0.483	0.342	0.5508	24
25	0.3188	0.4058	4.85 B	0.448	0.408	0.300	0.387	0.388	0.272	0.631	0.338	0.4008	25
26	0.3108	0.3808	5.83 B	0.507	0.390	0.282	0.408	0.493	0.259	0.387	0.341	0.3208	26
27	0.3088	0.3608	1.83	0.505	0.365	0.278	0.344	0.332	0.268	0.335	0.351	0.4108	27
28	0.3088	0.3458	0.758	0.585E	0.343	0.275	0.287	0.312	0.305	0.385	0.352	4.00 B	28
29	0.3048	0.3358	0.828	0.738E	0.342	0.282	0.245	0.295	0.287	0.374	0.322	0.5008	29
30	0.5008		1.12	0.808E	0.332	0.275	0.257	0.283	0.258	0.331	0.324	0.3808	30
31	4.00 B		0.838		0.325		0.286	0.284		0.317		0.3408	31
TOTAL	15.848	13.342	31.775	19.242	13.938	9.340	8.070	7.828	9.010	11.243	12.881	13.577	TOTAL
MEAN	0.602	0.480	1.03	0.841	0.450	0.311	0.260	0.248	0.300	0.383	0.428	0.438	MEAN
MAX	4.00	1.40	5.83	1.30	0.736	0.531	0.465	0.493	0.552	0.559	0.808	4.00	MAX
MIN	0.251	0.330	0.285	0.448	0.325	0.217	0.180	0.187	0.240	0.283	0.300	0.200	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 0.452
MAXIMUM DAILY, 5.838 ON MAR 28
MINIMUM DAILY, 0.180E ON JUL 9

SUMMARY FOR THE YEAR 1988

TYPE OF GAUGE - RECORDING
LOCATION - LAT 44 01 04 N
LONG 78 28 23 W
DRAINAGE AREA, 42.7 km²

B - ICE CONDITIONS
E - ESTIMATED
REGULATED

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	1 340	JUL	697
FEB	1 150	AUG	668
MAR	2 750	SEP	778
APR	1 680	OCT	971
MAY	1 200	NOV	1 110
JUN	807	DEC	1 170

TOTAL DISCHARGE, 14 300 dam³

NORTHWEST TRIBUTARY TO LAKE 239 NEAR KENORA - STATION NO. 05PD022

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1988

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	OE	---	OA	0	0.008	0.001	0	0	0	0	0	---	1
2	---	---	OE	0	0.008	0.001	0	0	0	0	0	---	2
3	---	---	OE	0	0.008	0	0	0	0	0	---	---	3
4	---	---	OE	0	0.008	0	0	0	0	0	---	---	4
5	---	---	OE	0	0.008	0	0	0	0	0	---	OA	5
6	---	---	OE	0	0.008	0	0.007	0	0	0	---	---	6
7	---	---	OE	0.008	0.008	0	0.180	0	0	0	---	---	7
8	---	---	OE	0.047	0.008	0	0.052	0	0	0	---	---	8
9	---	---	OA	0.088	0.008	0	0.021	0	0	0	---	---	9
10	---	---	OE	0.027	0.004	0	0.012	0	0	0	---	---	10
11	---	---	OE	0.021	0.004	0	0.008	0	0	0	---	---	11
12	---	---	OE	0.044	0.004	0	0.008	0	0	0	---	---	12
13	---	---	OE	0.037	0.004	0	0.007	0	0	0	---	---	13
14	---	---	OE	0.018	0.003	0.003	0.004	0	0	0	---	---	14
15	---	---	OE	0.011	0.003	0.007	0.005	0	0	0	---	---	15
16	---	---	OE	0.012	0.003	0.002	0.003	0	0	0	---	---	16
17	---	---	OE	0.012	0.002	0.001	0.002	0	0	0	---	---	17
18	---	OA	OE	0.008	0.002	0.001	0.003	0	0	0	---	---	18
19	OA	---	OE	0.008	0.003	0.001	0.004	0	0	0	---	---	19
20	---	---	OE	0.005	0.003	0	0.003	0	0	0	---	---	20
21	---	---	OE	0.005	0.003	0	0.002	0	0	0	---	---	21
22	---	---	OE	0.004	0.002	0.001	0.001	0	0	0	---	---	22
23	---	---	0	0.004	0.002	0	0.001	0	0	0	---	---	23
24	---	---	0	0.004	0.001	0.001	0.002	0	0	0	---	---	24
25	---	---	0	0.005	0.001	0.001	0.001	0	0	0	---	---	25
26	---	---	0	0.008	0.001	0	0.001	0	0	0	---	---	26
27	---	---	0	0.008	0.001	0	0	0	0	0	---	---	27
28	---	---	0	0.008	0.002	0	0	0	0	0	---	---	28
29	---	---	0	0.005	0.002	0	0	0	0	0	---	OA	29
30	---		0	0.008	0.001	0	0.001	0	0	0	---	---	30
31	---		0		0.001		0.001	0	0	0	---	---	31
							0.001	0		0		OE	
TOTAL	---	---	0	0.370	0.102	0.030	0.308	0	0	0	---	---	TOTAL
MEAN	---	---	0	0.012	0.003	0.001	0.010	0	0	0	---	---	MEAN
MAX	---	---	0	0.088	0.008	0.007	0.180	0	0	0	---	---	MAX
MIN	---	---	0	0	0.001	0	0	0	0	0	---	---	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 0.004
MAXIMUM DAILY, 0.180 ON JUL 7
MINIMUM DAILY, 0 ON APR 1
MAXIMUM INSTANTANEOUS,
0.433 ON JUL 7

DATA CONTRIBUTED BY -
OCEAN SCIENCE AND SURVEYS (DFO) (CANADA)

SUMMARY FOR THE MONTHS APR TO OCT

TYPE OF GAUGE - RECORDING
LOCATION - LAT 49 38 57 N
LONG 93 43 40 W
DRAINAGE AREA, 0.88 km²
A - MANUAL GAUGE

E - ESTIMATED
NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	---	JUL	26.6
FEB	---	AUG	0
MAR	0	SEP	0
APR	32.0	OCT	0
MAY	8.81	NOV	---
JUN	1.73	DEC	---

TOTAL DISCHARGE, 68.1 dam³

MOTTAWASAGA RIVER NEAR BAXTER - STATION NO. 02ED003

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1988

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	7.80B	29.0B	11.2 B	17.6	12.1	3.81	2.68	2.72	2.17	2.74	3.88	5.53	1
2	7.50B	36.5B	10.6 B	16.6	9.87	3.57	2.88	2.52	2.10	3.36	3.88	5.39	2
3	7.20B	15.0B	11.6 B	17.6	8.65	3.57	2.84	4.58	2.11	5.23	3.85	5.09	3
4	7.00B	13.8B	10.7 B	38.6	8.00	3.49	2.65	3.20	4.26	4.62	3.83	4.61	4
5	6.80B	13.0B	10.5 B	38.3	6.88	3.35	2.12	2.63	12.5	4.35	4.13	4.88	5
6	6.55B	12.1B	11.0 B	28.1	6.65	3.25	1.77	2.15	9.80	4.17	6.85	4.73	6
7	6.35B	11.8B	12.0 B	22.6	6.20	3.12	1.70	2.02	6.72	3.95	7.85	4.74	7
8	6.20B	11.2B	14.0 B	20.4	5.73	3.62	1.71	1.93	3.96	3.70	6.78	4.61	8
9	8.00B	10.8B	20.0 B	18.0	5.51	3.55	1.88	1.98	3.48	3.50	7.88	4.12B	9
10	6.85B	10.7B	27.0 B	16.7	6.92	3.25	1.84	2.01	3.20	3.36	9.41	4.00B	10
11	5.75B	10.6B	20.5 B	14.0	7.46	3.18	2.01	2.30	3.00	4.43	12.5	3.80B	11
12	5.60B	10.5B	17.0 B	13.1	6.53	3.14	1.83	2.78	2.86	6.88	10.0	3.75B	12
13	5.55B	10.4B	14.0 B	12.4	5.82	2.95	1.58	2.85	3.18	7.90	9.10	3.60B	13
14	5.45B	10.3B	13.2 B	12.3	5.48	2.55	1.75	2.83	2.82	7.14	12.3	3.45B	14
15	5.40B	10.7B	12.0 B	13.4	5.26	2.55	1.77	2.52	2.78	7.03	10.4	3.30B	15
16	5.45B	11.5B	11.0 B	12.8	9.25	2.93	1.80	2.08	2.72	6.55	8.35	3.20B	16
17	5.20B	12.5B	10.0 B	11.8	18.8	2.81	2.07	3.10	3.14	5.58	7.24	3.10B	17
18	15.0 B	14.0B	9.50B	11.5	11.8	2.81	2.03	3.58	3.71	5.68	6.75	3.00B	18
19	13.8 B	13.0B	9.00B	11.8	8.84	2.52	1.78	2.54	3.47	7.90	6.53	3.00B	19
20	12.5 B	12.2B	8.80B	10.7	8.70	2.41	1.52	2.30	3.22	8.72	5.90	3.40B	20
21	17.0 B	11.8B	8.40B	9.72	9.84	2.52	1.58	2.08	3.10	5.58	10.8	4.80B	21
22	13.3 B	11.2B	8.20B	10.3	11.8	3.75	1.78	1.87	3.08	5.40	12.4	6.30B	22
23	12.5 B	14.0B	11.0 B	9.83	9.51	8.00	2.03	1.88	3.63	5.52	9.85	6.00B	23
24	10.8 B	19.0B	28.0 B	10.6	7.71	6.78	2.28	2.30	3.95	5.56	8.28	6.20B	24
25	9.30B	15.0B	34.5	10.7	8.35	5.08	2.34	2.58	3.57	5.63	7.27	6.30B	25
26	8.25B	13.2B	50.5	9.61	5.82	4.50	2.95	2.84	3.11	5.55	6.66	5.80B	26
27	7.70B	12.5B	52.0	9.23	5.21	3.59	2.98	2.91	2.88	5.08	6.40	5.30B	27
28	7.40B	12.0B	29.0	9.62	4.77	3.26	2.71	3.33	2.84	4.61	6.35	6.00B	28
29	7.20B	11.5B	20.3	9.62	4.54	3.18	2.35	2.61	2.69	4.43	6.02	10.5 B	29
30	7.40B		21.2	12.6	4.26	3.03	2.35	2.46	2.78	4.29	5.76	8.80B	30
31	11.0 B		21.3		3.93		2.78	2.33		4.07		8.30B	31
TOTAL	259.80	389.4	549.10	459.63	236.18	105.95	66.31	79.61	111.93	160.73	227.42	155.29	TOTAL
MEAN	8.38	13.8	17.7	15.3	7.66	3.53	2.14	2.57	3.73	5.18	7.58	5.01	MEAN
MAX	17.0	36.5	52.0	38.6	18.8	8.00	2.95	4.58	12.5	7.90	12.5	10.5	MAX
MIN	5.40	10.3	8.20	9.23	3.93	2.41	1.52	1.87	2.10	2.74	3.83	3.00	MIN

SUMMARY FOR THE YEAR 1988

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 7.89
MAXIMUM DAILY, 52.0 ON MAR 27
MINIMUM DAILY, 1.52 ON JUL 20
MAXIMUM INSTANTANEOUS,
57.5 AT 22:24 EST ON MAR 26

TYPE OF GAUGE - RECORDING
LOCATION - LAT 44 14 59 N
LONG 79 49 20 W
DRAINAGE AREA, 1 180 km²

B - ICE CONDITIONS

NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	22 400	JUL	5 730
FEB	34 500	AUG	8 880
MAR	47 400	SEP	9 670
APR	38 700	OCT	13 900
MAY	20 400	NOV	18 600
JUN	9 150	DEC	13 400

TOTAL DISCHARGE, 243 000 dam³

OAKVILLE CREEK AT MILTON - STATION NO. 02HB005

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1988

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	1.35 B	2.64	0.732	2.80	0.872	0.456	0.195	0.243	0.201	0.263	0.244	0.312	1
2	1.33 B	1.94	0.804	2.18	0.802	0.444	0.195	0.209	0.207	0.488	0.235	0.366	2
3	1.31	1.32	0.856	4.40	0.877	0.443	0.195	0.189	0.495	0.329	0.226	0.413	3
4	1.33	1.08	0.816	3.48	0.867	0.431	0.206	0.198	0.883	0.389	0.285	0.391	4
5	1.27 B	0.892	0.832	2.81	0.823	0.388	0.216	0.197	0.362	0.301	0.623	0.449	5
6	1.21	0.770B	1.34	3.48	0.833	0.406	0.225	0.185	0.292	0.261	0.354	0.442	6
7	1.18	0.760B	2.98	3.83	0.842	0.450	0.222	0.174	0.247	0.264	0.222	0.428	7
8	1.17	0.720B	2.56	2.89	0.833	0.313	0.211	0.174	0.206	0.244	0.422	0.394	8
9	1.12	0.698	3.52	2.31	0.842	0.302	0.210	0.195	0.210	0.240	0.447	0.381	9
10	1.00 B	0.708	2.45	2.14	0.876	0.274	0.208	0.216	0.222	0.400	1.14	0.327	10
11	0.880B	0.884	2.26	1.49	0.780	0.238	0.286	0.721	0.212	0.287	0.768	0.336B	11
12	0.760	0.690B	1.78	1.20	0.774	0.234	0.236	0.288	0.212	0.247	0.821	0.338B	12
13	0.810B	0.700B	1.67	1.16	0.776	0.229	0.194	0.227	0.208	0.237	1.77	0.340B	13
14	0.740B	0.856	1.70	1.37	0.699	0.188	0.182	0.502	0.201	0.222	0.872	0.336B	14
15	0.710B	1.25	1.46	1.25	1.06	0.188	0.177	0.268	0.195	0.216	0.883	0.330B	15
16	0.649	1.14	1.33	1.18	1.26	0.200	0.306	0.248	0.184	0.203	1.12	0.326	16
17	0.722	1.06	1.56	1.20	0.804	0.174	0.667	0.418	0.575	0.217	1.07	0.322	17
18	1.42	1.06	1.84	1.31	0.884	0.180	0.204	0.228	0.268	0.872	1.02	0.318	18
19	0.972	1.00	1.28	1.18	1.18	0.181	0.208	0.204	0.269	0.319	0.986	0.319	19
20	2.38	1.06	1.19	1.29	1.76	0.208	0.209	0.201	0.653	0.247	1.85	0.389	20
21	1.61	0.810	1.07	1.27	1.84	0.239	0.266	0.182	0.805	0.312	1.88	0.418	21
22	1.12	1.17	1.03	1.21	1.21	0.261	0.220	0.189	0.578	0.387	1.20	0.386	23
23	1.06	1.40 B	1.85	1.30	1.15	0.210	0.501	0.383	0.700	0.321	1.11	0.786	23
24	0.918	1.27	2.93	1.22	1.01	0.226	0.293	0.430	0.690	0.336	1.04	0.862	24
25	0.768	0.853	5.73	1.18	0.910	0.217	0.238	0.323	0.536	0.318	1.01	0.495	25
26	0.883	0.818	5.76	1.21	0.824	0.189	0.226	0.258	0.534	0.294	0.883	0.414	26
27	0.860B	0.802	4.88	1.26	0.785	0.188	0.217	0.242	0.539	0.280	1.01	1.32	27
28	0.870B	0.788	4.47	1.29	0.743	0.184	0.208	0.230	0.508	0.345	0.704	3.01	28
29	0.860B	0.788	4.52	1.33	0.706	0.184	0.207	0.213	0.389	0.258	0.322	0.919	29
30	0.723		4.18	1.09	0.686	0.180	0.289	0.219	0.282	0.225	0.285	0.689	30
31	1.47		3.55		0.642		0.232	0.212		0.234		0.809	31
TOTAL	32.854	28.857	73.120	55.13	29.044	8.083	7.644	8.183	11.583	9.679	24.585	16.800	TOTAL
MEAN	1.06	1.03	2.36	1.84	0.937	0.269	0.247	0.264	0.386	0.312	0.820	0.542	MEAN
MAX	2.38	2.64	5.76	4.40	1.84	0.456	0.667	0.721	0.883	0.972	1.85	3.01	MAX
MIN	0.649	0.684	0.732	1.09	0.642	0.174	0.177	0.174	0.184	0.203	0.222	0.312	MIN

SUMMARY FOR THE YEAR 1988

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 0.837
MAXIMUM DAILY, 5.76 ON MAR 26
MINIMUM DAILY, 0.174 ON JUN 17
MAXIMUM INSTANTANEOUS,
13.3 AT 20:08 EST ON MAR 26

TYPE OF GAUGE - RECORDING
LOCATION - LAT 43 30 19 N
LONG 79 51 46 W
DRAINAGE AREA, 95.8 km²

B - ICE CONDITIONS

REGULATED

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	2 820	JUL	880
FEB	2 590	AUG	707
MAR	6 320	SEP	888
APR	4 760	OCT	836
MAY	2 510	NOV	2 120
JUN	896	DEC	1 480

TOTAL DISCHARGE, 26 500 dam³

OGOKI RIVER ABOVE WHITECLAY LAKE - STATION NO. 04GB004

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1988

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	44.7E	41.8	40.6	39.6	46.1	131	146	128	140E	368	240	171	1
2	44.8E	41.9	40.5	39.5	47.4	135	146	124	145E	370	237	170	2
3	44.8E	41.9	40.5	39.5	48.5	139	145	122	151E	369	235	168	3
4	44.8E	41.8	40.5	39.6	50.0	141	144	121	155E	370	228	167	4
5	44.5E	41.8	40.5	39.6	50.7	143	139	118	160E	371	221	165	5
6	44.4E	41.8	40.4	39.7	52.5	143	140	122	163E	371	218	163	6
7	44.3E	41.8	40.4	39.8	54.5	139	141	123	167E	367	219	160	7
8	44.3E	41.8	40.4	39.8	55.6	138	142	120	171E	364	218	157	8
9	44.2E	41.7	40.5	39.8	57.2	139	141	119	175E	361	214	154	9
10	44.1E	41.7	40.4	40.0	61.6	140	139	117	181E	355	210	151	10
11	44.1E	41.7	40.2	40.2	64.3	141	138	114	184E	348	207	148	11
12	44.0E	41.7	40.1	40.5	66.8	138	138	110	191E	343	203	146	12
13	44.0E	41.7	40.0	40.8	70.1	136	137	109	198E	340	201	45	13
14	43.9E	41.6	40.0	40.6	76.0	136	138	108	204E	332	198	143	14
15	43.8E	41.6	40.0	40.6	78.9	138	139	107	213E	328	193	141	15
16	43.8E	41.6	40.0	40.9	81.9	144	141	108	221E	321	192	140	16
17	43.8E	41.6	40.0	40.5	86.6	148	144	100	229E	317	198	137	17
18	43.3E	41.5	39.8	40.5	90.8	147	143	101	237E	311	1958	135	18
19	43.2E	41.4	39.7	40.8	94.0	149	142	99.4	247E	308	1938	133	19
20	43.0E	41.1	39.5	41.2	95.6	150	141	96.4	256E	300	1928	131	20
21	42.9E	41.1	39.3	41.3	100	149	140	94.8	266A	295	1918	131	21
22	42.8E	41.2	39.2	41.3	105	149	141	93.4	275	290	1908	128	22
23	42.7E	41.2	39.3	41.4	107	149	141	95.8	283	284	190	130	23
24	42.6E	41.2	39.2	41.5	109	149	138	100	302	279	188	130	24
25	42.5E	41.1	39.3	41.8	112	150	137	104	318	278	187	128	25
26	42.4E	41.0	39.5	42.3	115	152	136	110 E	324	271	184	127	26
27	42.3	40.9	39.5	42.8	116	153	135	113 E	335	262	182	126	27
28	42.1	40.8	39.6	43.4	117	148	134	119 E	348	260	184	123	28
29	42.1	40.8	39.6	44.0	124	147	134	124 E	355	259	178	122	29
30	41.8		39.6	44.7	127	147	132	129 E	366	263	175	121	30
31	41.8		39.6		128		131	133 E		245		119	31
TOTAL	1 348.7	1 202.8	1 237.7	1 227.7	2 588.1	4 308	4 322	3 481.9	5 867	9 886	5 058	4 412	TOTAL
MEAN	43.4	41.5	39.8	40.9	83.5	144	139	112	232	319	202	142	MEAN
MAX	44.7	41.9	40.6	44.7	128	153	146	133	366	371	240	171	MAX
MIN	41.8	40.8	39.2	39.6	46.1	131	131	93.4	140	245	175	118	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 128
MAXIMUM DAILY, 371 ON OCT 5
MINIMUM DAILY, 39.2 ON MAR 22
MAXIMUM INSTANTANEOUS,
373 AT 19:24 EST ON OCT 4

SUMMARY FOR THE YEAR 1988

TYPE OF GAUGE - RECORDING
LOCATION - LAT 50 52 00 N
LONG 88 56 50 W
DRAINAGE AREA, 11 200 km²
A - MANUAL GAUGE
B - ICE CONDITIONS
E - ESTIMATED
NATURAL FLOW

MONTHLY TOTAL DISCHARGE
IN CUBIC DECAMETRES

JAN	116 000	JUL	373 000
FEB	104 000	AUG	301 000
MAR	107 000	SEP	602 000
APR	108 000	OCT	854 000
MAY	224 000	NOV	523 000
JUN	372 000	DEC	381 000

TOTAL DISCHARGE, 4 080 000 dam³

GECKI RIVER AT WABOOSE FALLS DAM - STATION NO. 04GB001

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1988

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	0	0	0	0	0	0	0	0	0	0	221	0	1
2	0	0	0	0	0	0	0	0	0	0	219	0	2
3	0	0	0	0	0	0	0	0	0	0	191	0	3
4	0	0	0	0	0	0	0	0	0	0	107	0	4
5	0	0	0	0	0	0	0	0	0	0	18.8	0	5
6	0	0	0	0	0	0	0	0	0	4.40	0	0	6
7	0	0	0	0	0	0	0	0	0	13.2	0	0	7
8	0	0	0	0	0	0	0	0	0	20.2	0	0	8
9	0	0	0	0	0	0	0	0	0	35.1	0	0	9
10	0	0	0	0	0	0	0	0	0	54.0	0	0	10
11	0	0	0	0	0	0	0	0	0	54.0	0	0	11
12	0	0	0	0	0	0	0	0	0	131	0	0	12
13	0	0	0	0	0	0	0	0	0	278	0	0	13
14	0	0	0	0	0	0	0	0	0	259	0	0	14
15	0	0	0	0	0	0	0	0	0	259	0	0	15
16	0	0	0	0	0	0	0	0	0	283	0	0	16
17	0	0	0	0	0	0	0	0	0	272	0	0	17
18	0	0	0	0	0	0	0	0	0	258	0	0	18
19	0	0	0	0	0	0	0	0	0	283	0	0	19
20	0	0	0	0	0	0	0	0	0	259	0	0	20
21	0	0	0	0	0	0	0	0	0	283	0	0	21
22	0	0	0	0	0	0	0	0	0	256	0	0	22
23	0	0	0	0	0	0	0	0	0	244	0	0	23
24	0	0	0	0	0	0	0	0	0	252	0	0	24
25	0	0	0	0	0	0	0	0	0	252	0	0	25
26	0	0	0	0	0	0	0	0	0	248	0	0	26
27	0	0	0	0	0	0	0	0	0	233	0	0	27
28	0	0	0	0	0	0	0	0	0	248	0	0	28
29	0	0	0	0	0	0	0	0	0	240	0	0	29
30	0		0	0	0	0	0	0	0	231	0	0	30
31	0		0		0		0	0		224		0	31
TOTAL	0	0	0	0	0	0	0	0	0	5 131.80	788.8	0	TOTAL
MEAN	0	0	0	0	0	0	0	0	0	165	26.2	0	MEAN
MAX	0	0	0	0	0	0	0	0	0	278	221	0	MAX
MIN	0	0	0	0	0	0	0	0	0	0	0	0	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 16.1
MAXIMUM DAILY, 278 ON OCT 13
MINIMUM DAILY, 0 ON JAN 1

DATA CONTRIBUTED BY -
ONTARIO HYDRO

SUMMARY FOR THE YEAR 1988

TYPE OF GAUGE - RECORDING
LOCATION - LAT 50 45 20 N
LONG 87 59 40 W
DRAINAGE AREA, 13 800 km²

REGULATED SINCE 1943

MONTHLY TOTAL DISCHARGE
IN CUBIC DECAMETRES

JAN	0	JUL	0
FEB	0	AUG	0
MAR	0	SEP	0
APR	0	OCT	443 000
MAY	0	NOV	65 400
JUN	0	DEC	0

TOTAL DISCHARGE, 508 000 dam³

OGOKI RIVER DIVERSION TO LAKE NIPIGON - STATION NO. 02AD009

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1988

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	36.1	36.1	34.4	37.1	43.3	87.0	148	151	138	180	72.6	212	1
2	36.1	36.1	34.4	37.1	43.3	88.7	148	148	138	190	72.6	210	2
3	36.1	36.1	34.4	37.1	44.5	92.1	148	148	138	197	173	207	3
4	36.1	36.1	34.4	37.1	45.6	93.8	151	148	140	207	263	207	4
5	37.1	36.1	34.4	37.1	45.6	95.6	151	148	140	212	258	204	5
6	37.1	38.1	34.4	37.1	46.8	97.3	153	151	140	220	258	202	6
7	37.1	36.1	34.4	37.1	48.8	101	155	151	140	225	252	202	7
8	37.1	36.1	34.4	37.1	48.0	105	157	148	140	233	248	198	8
9	37.1	37.1	35.2	37.1	50.4	105	159	148	140	238	248	197	9
10	37.1	37.1	35.2	38.0	55.5	108	159	148	140	244	247	195	10
11	37.1	37.1	35.2	38.0	55.5	110	159	148	140	247	244	192	11
12	37.1	37.1	36.1	38.0	56.8	112	159	144	148	247	244	192	12
13	36.1	37.1	36.1	40.1	60.8	112	159	144	151	188	241	190	13
14	36.1	37.1	36.1	40.1	59.5	114	159	144	155	85.4	238	187	14
15	36.1	37.1	36.1	40.1	60.8	120	162	142	155	85.4	236	185	15
16	37.1	37.1	36.1	40.1	62.3	122	162	144	157	87.0	238	182	16
17	37.1	37.1	36.1	41.1	63.7	124	162	142	162	90.4	238	182	17
18	36.1	37.1	36.1	40.1	63.7	128	162	140	166	87.0	236	180	18
19	36.1	36.2	37.1	40.1	65.1	128	162	138	171	85.4	233	178	19
20	36.1	34.3	37.1	40.1	66.6	132	162	138	178	85.4	233	178	20
21	36.1	34.3	37.1	40.1	68.1	132	162	134	182	85.4	230	173	21
22	36.1	34.3	37.1	40.1	71.1	138	159	132	187	83.7	230	168	22
23	36.1	34.3	37.1	40.1	72.6	138	157	132	148	82.1	228	168	23
24	36.1	34.3	37.1	40.1	74.1	138	157	132	114	82.1	225	168	24
25	36.1	34.3	38.0	40.1	74.1	142	157	134	124	82.1	222	168	25
26	36.1	34.3	38.0	40.1	75.7	144	155	134	130	80.5	222	164	26
27	36.1	34.3	38.0	40.1	77.3	148	153	134	148	77.3	220	164	27
28	36.1	34.3	38.0	40.1	78.8	148	153	134	155	82.1	217	162	28
29	37.1	34.3	38.0	41.1	82.1	148	153	134	164	78.8	215	159	29
30	36.1		38.0	41.1	85.4	148	153	134	171	75.7	212	159	30
31	38.1		38.0		87.0		151	134		74.1		157	31
TOTAL	1 130.1	1 038.0	1 123.1	1 172.7	1 931.2	3 587.5	4 847	4 373	4 495	4 284.0	5 898.2	5 888	TOTAL
MEAN	36.5	35.8	36.2	38.1	62.3	120	156	141	150	138	223	183	MEAN
MAX	37.1	37.1	38.0	41.1	87.0	148	162	151	187	247	263	212	MAX
MIN	36.1	34.3	34.4	37.1	43.3	87.0	148	132	114	74.1	72.6	157	MIN

SUMMARY FOR THE YEAR 1988

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 110
MAXIMUM DAILY, 263 ON NOV 4
MINIMUM DAILY, 34.3 ON FEB 20

TYPE OF GAUGE - RECORDING
LOCATION - LAT 50 38 15 N
LONG 88 12 30 W

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	87 500	JUL	418 000
FEB	85 700	AUG	378 000
MAR	97 000	SEP	388 000
APR	101 000	OCT	371 000
MAY	167 000	NOV	578 000
JUN	310 000	DEC	491 000

DATA CONTRIBUTED BY - ONTARIO HYDRO

REGULATED SINCE 1943

TOTAL DISCHARGE, 3 490 000 dam³

ONAPING RIVER NEAR LEVACK - STATION NO. 02CF010

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1988

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	5.808	3.858	3.148	13.48	39.7	19.4	4.47	2.15	5.12	5.97	27.2	27.4	1
2	5.508	3.808	3.128	16.58	37.3	16.2	4.13	2.15	4.83	10.8	25.1	23.8 B	2
3	5.358	3.758	3.108	23.08	37.0	15.3	3.83	2.85	4.74	10.9	23.0	20.8 B	3
4	5.258	3.708	3.088	36.8	35.4	12.5	3.63	2.44	5.14	10.1	21.7	20.4 B	4
5	5.158	3.658	3.088	53.3	33.5	11.6	3.42	3.08	4.86	9.80	25.4	19.7 B	5
6	5.058	3.608	3.088	60.7	31.2	10.8	3.23	3.43	4.50	10.3	42.3	17.4 B	6
7	4.858	3.578	3.088	78.5	28.8	10.1	3.13	3.44	4.18	9.70	47.0	15.3 B	7
8	4.858	3.538	3.088	82.3	26.4	9.47	3.04	3.37	3.93	9.07	42.8	14.3 B	8
9	4.758	3.508	3.318	79.7	24.7	8.74	2.92	3.57	3.81	8.54	38.7	13.6 B	9
10	4.858	3.478	3.258	77.8	24.8	8.28	3.11	3.47	3.72	8.57	37.7	12.8 B	10
11	4.558	3.448	3.158	75.0	25.8	7.83	3.22	3.28	3.57	8.53	37.8	12.4 B	11
12	4.608	3.418	3.108	89.5	24.8	7.46	3.12	3.26	3.58	8.54	35.0	11.8 B	12
13	4.458	3.388	3.058	86.9	30.6	7.08	2.97	4.11	3.98	9.20	33.8	11.4 B	13
14	4.358	3.378	3.028	76.8	34.2	6.70	2.97	10.1	3.78	8.83	32.8	11.0 B	14
15	4.258	3.368	2.988	76.9	33.6	6.33	2.80	7.86	3.84	8.54	31.4	10.6 B	15
16	4.208	3.358	2.988	71.8	34.1	5.81	2.72	6.52	3.48	8.42	32.8	10.2 B	16
17	4.208	3.348	2.948	85.9	35.2	5.73	2.64	6.01	3.85	9.05	36.7	9.958	17
18	4.218	3.338	2.928	85.6	32.8	5.88	2.51	6.14	3.74	18.8	35.3	9.708	18
19	4.188	3.328	2.908	80.8	29.5	5.88	2.45	5.71	3.88	25.8	32.7	9.358	19
20	4.208	3.348	2.888	54.9	27.9	5.71	2.48	5.52	4.78	22.7	30.5	9.508	20
21	4.058	3.388	2.878	50.0	30.3	5.50	2.47	5.44	5.33	21.3	28.8	10.6 B	21
22	3.858	3.388	2.888	45.7	32.5	5.69	2.78	5.13	4.87	24.7	28.3	10.4 B	22
23	3.708	3.348	2.858	42.7	31.6	5.41	2.88	4.80	5.01	24.4	24.7	10.5 B	23
24	3.608	3.288	2.888	41.8	28.2	5.40	2.88	4.88	4.82	23.0	23.5	10.3 B	24
25	3.558	3.258	3.008	40.3	26.8	7.15	2.88	5.80	4.50	22.7	22.4	9.808	25
26	3.488	3.228	3.808	40.2	24.8	7.11	2.87	5.88	4.35	21.7	21.4	9.858	26
27	3.458	3.208	5.208	40.1	24.5	6.81	2.72	5.87	5.40	20.7	28.0	9.408	27
28	3.388	3.188	5.808	39.6	24.4	6.18	2.74	5.87	5.83	33.3	33.1	9.158	28
29	3.358	3.158	5.808	38.9	22.4	5.62	2.57	5.71	5.36	37.6	31.2	9.008	29
30	3.358		8.408	41.4	20.7	4.84	2.34	5.45	5.11	33.3	28.7	8.758	30
31	3.608		11.8 B		20.4		2.20	5.30		29.7		8.808	31
TOTAL	133.55	99.43	117.23	1 830.7	915.1	280.08	91.78	148.40	133.82	516.58	838.4	397.75	TOTAL
MEAN	4.31	3.43	3.78	54.4	29.5	8.34	2.98	4.79	4.46	16.7	31.3	12.8	MEAN
MAX	5.80	3.85	11.8	82.3	39.7	19.4	4.47	10.1	5.83	37.8	47.0	27.4	MAX
MIN	3.35	3.15	2.85	13.4	20.4	4.84	2.20	2.15	3.48	5.97	21.4	8.80	MIN

SUMMARY FOR THE YEAR 1988

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 14.7
MAXIMUM DAILY, 82.3 ON APR 8
MINIMUM DAILY, 2.15 ON AUG 1
MAXIMUM INSTANTANEOUS,
86.0 AT 19:10 EST ON APR 7

TYPE OF GAUGE - RECORDING
LOCATION - LAT 46 36 00 N
LONG 81 22 51 W
DRAINAGE AREA, 1 570 km²

B - ICE CONDITIONS

REGULATED

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	11 500	JUL	7 830
FEB	8 590	AUG	12 800
MAR	10 100	SEP	11 500
APR	141 000	OCT	44 500
MAY	79 100	NOV	81 100
JUN	21 500	DEC	34 400

TOTAL DISCHARGE, 484 000 dam³

REMARKS - INCLUDES ONAPING LAKE BASIN. EXTREME HIGH WATER SPILLED INTO SPANISH RIVER SYSTEM

OSHAWA CREEK AT OSHAWA - STATION NO. 02HD008

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1988

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	0.850B	4.28 B	0.430B	1.33	0.952	0.815	0.574	0.587	0.486	0.574	0.842	0.781	1
2	0.840B	1.22 B	0.793B	1.29	0.844	0.698	0.542	0.546	0.482	0.727	0.841	0.777	2
3	0.830B	0.870B	0.687B	3.38	0.810	0.589	0.538	0.477	0.526	0.728	0.638	0.716	3
4	0.810B	0.810B	0.539B	5.56	0.780	0.835	0.515	0.486	1.28	0.688	0.841	0.636B	4
5	0.800B	0.790B	0.658B	2.35	0.742	0.633	0.509	0.504	0.992	0.619	1.08	0.707B	5
6	0.785B	0.785B	0.718B	1.83	0.748	0.612	0.518	0.498	0.581	0.647	2.19	0.712	6
7	0.785B	0.780B	3.84 B	1.71	0.704	0.801	0.497	0.483	0.595	0.634	1.25	0.752	7
8	0.780B	0.775B	3.00 B	1.58	0.693	0.582	0.462	0.485	0.523	0.640	1.22	0.630B	8
9	0.770B	0.770B	4.94 B	1.27	0.719	0.515	0.426	0.442	0.487	0.580	1.80	0.570B	9
10	0.780B	0.785B	5.10 B	1.12	0.813	0.512	0.440	0.458	0.451	0.707	1.58	0.520B	10
11	0.765B	0.784B	3.10 B	1.04	0.817	0.480	0.480	0.490	0.442	0.793	1.12	0.495B	11
12	0.750B	0.763B	1.94 B	1.01	0.740	0.473	0.490	0.500	0.447	0.672	0.912	0.478B	12
13	0.745B	0.762B	1.21 B	0.978	0.751	0.473	0.485	0.487	0.514	0.587	1.89	0.485B	13
14	0.743B	0.761B	1.23 B	1.47	0.743	0.484	0.453	0.502	0.517	0.581	1.50	0.455B	14
15	0.740B	1.05 B	0.814B	2.40	0.734	0.479	0.424	0.589	0.491	0.583	1.14	0.445B	15
16	0.738B	1.88 B	0.804B	1.31	1.15	0.487	0.484	0.489	0.482	0.589	0.985	0.442B	16
17	0.737B	1.20 B	1.02 B	1.14	1.08	0.471	0.532	0.530	0.596	0.592	0.976	0.439B	17
18	3.03 B	1.02 B	1.30 B	1.23	0.987	0.480	0.487	0.508	0.581	1.08	0.910	0.438B	18
19	1.40 B	1.04 B	0.862B	1.04	0.908	0.458	0.481	0.458	0.505	0.826	0.816	0.437B	19
20	3.27 B	1.32 B	0.897B	1.04	1.12	0.453	0.428	0.424	0.570	0.681	0.944	0.850B	20
21	1.20 B	0.804B	0.886B	1.31	1.15	0.448	0.439	0.405	0.536	0.859	1.42	0.540B	21
22	0.710B	0.888B	0.511B	1.04	1.04	1.80	0.433	0.408	0.525	1.16	1.04	0.455B	22
23	0.850B	1.91 B	5.19 B	0.950	0.970	2.08	0.447	0.454	0.888	0.975	0.935	0.760B	23
24	0.820B	1.29 B	9.81	0.970	0.812	0.787	0.455	0.552	0.808	0.989	0.882	0.860B	24
25	0.890B	0.761B	8.83	0.918	0.885	0.882	0.483	0.772	0.591	1.01	0.822	0.575B	25
26	0.585B	0.738B	8.06	0.949	0.827	0.808	7.32	0.629	0.535	0.811	0.834	0.490B	26
27	0.550B	0.586B	3.56	0.897	0.801	0.812	2.53	0.855	0.570	0.712	0.835	0.940B	27
28	0.540B	0.558B	1.38	1.07	0.701	0.578	1.37	0.577	0.815	0.753	0.827	5.65 B	28
29	0.538B	0.677B	1.48	1.35	0.650	0.574	0.758	0.556	0.587	0.748	0.782	1.29 B	29
30	1.50 B		1.85	1.35	0.628	0.570	0.740	0.522	0.562	0.670	0.752	1.02 B	30
31	7.88 B		1.41		0.608		0.858	0.484		0.638		0.838B	31
TOTAL	36.051	30.528	78.177	45.103	26.040	19.284	25.331	15.939	17.548	22.843	31.718	24.781	TOTAL
MEAN	1.16	1.05	2.48	1.50	0.840	0.643	0.817	0.514	0.585	0.737	1.06	0.799	MEAN
MAX	7.88	4.28	9.81	5.56	1.16	2.08	7.32	0.772	1.28	1.16	2.19	5.65	MAX
MIN	0.538	0.558	0.430	0.918	0.608	0.448	0.424	0.405	0.442	0.574	0.638	0.437	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 1.01
MAXIMUM DAILY, 9.81 ON MAR 24
MINIMUM DAILY, 0.405 ON AUG 21
MAXIMUM INSTANTANEOUS,
35.6 AT 14:19 EST ON JUL 26

SUMMARY FOR THE YEAR 1988

TYPE OF GAUGE - RECORDING
LOCATION - LAT 43 55 49 N
LONG 78 53 29 W
DRAINAGE AREA, 95.8 km²

B - ICE CONDITIONS

NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	3 110	JUL	2 190
FEB	2 640	AUG	1 380
MAR	6 580	SEP	1 520
APR	3 900	OCT	1 970
MAY	2 250	NOV	2 740
JUN	1 670	DEC	2 140

TOTAL DISCHARGE, 32 100 dam³

OSWEGO CREEK AT CANBORO - STATION NO. 02HA024

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1988

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	---	---	---	---	---	---	---	---	---	0.005	0.185	0.182	1
2	---	---	---	---	---	---	---	---	---	0.008	0.185	0.187	2
3	---	---	---	---	---	---	---	---	---	0.008	0.136	0.126	3
4	---	---	---	---	---	---	---	---	---	0.008	0.111	0.101	4
5	---	---	---	---	---	---	---	---	---	0.008	0.088	0.098	5
6	---	---	---	---	---	---	---	---	---	0.008	0.126	0.083	6
7	---	---	---	---	---	---	---	---	---	0.010	0.284	0.075	7
8	---	---	---	---	---	---	---	---	---	0.013	0.818	0.081	8
9	---	---	---	---	---	---	---	---	---	0.014	1.52	0.048	9
10	---	---	---	---	---	---	---	---	---	0.012	1.79	0.042	10
11	---	---	---	---	---	---	---	---	---	0.018	1.78	0.034	11
12	---	---	---	---	---	---	---	---	0.004A	0.017	1.48	0.027	12
13	---	---	---	---	---	---	---	---	0.005	0.013	2.23	0.022	13
14	---	---	---	---	---	---	---	---	0.005	0.011	4.06	0.021	14
15	---	---	---	---	---	---	---	---	0.003	0.010	2.58	0.022	15
16	---	---	---	---	---	---	---	---	0.002	0.009	1.57	0.020	16
17	---	---	---	---	---	---	---	---	0.005	0.008	1.07	0.017	17
18	---	---	---	---	---	---	---	---	0.008	0.019	0.785	0.014	18
19	---	---	---	---	---	---	---	---	0.008	0.021	0.521	0.013	19
20	---	---	---	---	---	---	---	---	0.008	0.020	0.701	0.020	20
21	---	---	---	---	---	---	---	---	0.007	0.021	2.81	0.034	21
22	---	---	---	---	---	---	---	---	0.008	0.042	3.03	0.038	22
23	---	---	---	---	---	---	---	---	0.018	0.140	1.81	0.125	23
24	---	---	---	---	---	---	---	---	0.013	0.892	1.25	0.279	24
25	---	---	---	---	---	---	---	---	0.011	1.85	0.788	0.380	25
26	---	---	---	---	---	---	---	---	0.017	1.88	0.584	0.328	26
27	---	---	---	---	---	---	---	---	0.010	1.26	0.405	0.385	27
28	---	---	---	---	---	---	---	---	0.008	0.788	0.388	1.74	28
29	---	---	---	---	---	---	---	---	0.008	0.540	0.300	2.20	29
30	---		---	---	---	---	---	---	0.008	0.388	0.238	1.89	30
31	---		---		---		---	---		0.271		1.26	31
TOTAL	---	---	---	---	---	---	---	---	---	7.803	33.637	9.818	TOTAL
MEAN	---	---	---	---	---	---	---	---	---	0.252	1.12	0.317	MEAN
MAX	---	---	---	---	---	---	---	---	---	1.88	4.06	2.20	MAX
MIN	---	---	---	---	---	---	---	---	---	0.005	0.088	0.013	MIN

SUMMARY FOR THE YEAR 1988

TYPE OF GAUGE - RECORDING
LOCATION - LAT 42 59 27 N
LONG 79 40 42 W
DRAINAGE AREA, 80.7 km²
A - MANUAL GAUGE

NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	---	JUL	---
FEB	---	AUG	---
MAR	---	SEP	---
APR	---	OCT	674
MAY	---	NOV	2 810
JUN	---	DEC	848

REMARKS - STATION ACTIVATED SEP 1988

OTOSKWIN RIVER BELOW BADESDAWA LAKE - STATION NO. 04FA001

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1988

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	21.1 B	14.6 B	11.8 B	10.0 B	35.0	78.3	94.6	83.6	40.1	105	72.5	51.8 B	1
2	20.6 B	14.7 B	11.8 B	10.0 B	38.0	80.8	92.0	82.0	40.4	105	71.9	51.2 B	2
3	20.5 B	14.6 B	11.7 B	10.1 B	41.3	81.8	89.8	81.9	41.3	104	71.6	50.8 B	3
4	20.2 B	14.5 B	11.6 B	10.2 B	44.0	81.8	85.6	59.6	42.1	107	70.5	50.4 B	4
5	20.0 B	14.4 B	11.5 B	10.3 B	47.6	80.2	78.2	57.5	43.4	108	69.5	50.0 B	5
6	19.7 B	14.3 B	11.4 B	10.5 B	51.5	77.5	79.4	58.5	44.1	107	69.2	49.5 B	6
7	19.4 B	14.2 B	11.3 B	10.6 B	54.5	77.6	80.7	58.0	44.0	105	68.5	49.0 B	7
8	19.1 B	14.1 B	11.2 B	11.2 B	53.5	77.2	82.3	53.4	42.8	103	67.2	48.5 B	8
9	18.8 B	14.0 B	11.1 B	11.7 B	56.7	77.7	81.5	52.4	41.8	103	66.4	48.0 B	9
10	18.7 B	13.8 B	11.0 B	12.2 B	60.5	77.3	80.9	50.9	40.3	98.2	65.1	47.4 B	10
11	18.4 B	13.8 B	10.8 B	12.6 B	63.0	73.8	80.7	48.7	38.3	96.7	64.0	46.8 B	11
12	18.2 B	13.7 B	10.9 B	13.3 B	63.3	72.8	81.3	46.8	39.5	95.8	62.9	46.4 B	12
13	17.9 B	13.6 B	10.8 B	13.6 B	66.0	74.6	79.4	45.6	42.7	94.6	62.4	46.0 B	13
14	17.7 B	13.5 B	10.7 B	14.6 B	67.6	74.0	81.8	44.0	44.5	90.3	61.8	45.5 B	14
15	17.5 B	13.4 B	10.6 B	15.2 B	63.2	78.2	84.1	43.5	47.4	88.7	60.5	45.2 B	15
16	17.3 B	13.3 B	10.5 B	16.0 B	68.1	81.8	85.2	41.7	47.7	88.1	60.2	44.8 B	16
17	17.1 B	13.2 B	10.5 B	16.7 B	66.7	85.2	86.3	39.1	49.2	86.1	59.7 B	44.2 B	17
18	16.8 B	13.1 B	10.4 B	17.5 B	66.7	87.6	85.3	38.4	48.8	84.5	59.0 B	43.8 B	18
19	16.7 B	13.0 B	10.4 B	18.2 B	69.2	81.4	84.2	38.2	49.1	83.9	58.7 B	43.2 B	19
20	16.6 B	12.9 B	10.3 B	19.0 B	71.7	80.9	82.7	35.9	54.7	82.5	58.0 B	42.9 B	20
21	16.5 B	12.8 B	10.3 B	20.0 B	73.3	82.6	81.9	34.9	53.4	82.3	57.4 B	42.5 B	21
22	16.3 B	12.7 B	10.2 B	21.2 B	74.8	83.1	80.3	34.3	59.4	80.9	56.8 B	42.0 B	22
23	16.1 B	12.6 B	10.2 B	22.2 B	75.8	87.7	78.8	33.9	77.2	79.0	56.3 B	41.5 B	23
24	15.9 B	12.5 B	10.1 B	23.5 B	76.9	86.1	74.8	32.8	80.3	78.6	55.9 B	41.0 B	24
25	15.7 B	12.4 B	10.1 B	24.6	80.6	86.2	72.4	32.2	86.1	79.5	55.1 B	40.7 B	25
26	15.5 B	12.3 B	10.0 B	25.7	78.1	87.6	70.1	32.5	88.7	79.4	54.8 B	40.1 B	26
27	15.4 B	12.2 B	10.0 B	26.8	76.7	87.4	68.6	33.3	83.6	75.2	54.0 B	39.8 B	27
28	15.3 B	12.1 B	9.95 B	28.1	76.2	85.3	66.1	36.3	88.3	73.2	53.5 B	39.4 B	28
29	15.2 B	12.0 B	9.95 B	29.7	76.9	86.1	65.7	38.7	103	74.3	53.1 B	39.1 B	29
30	15.1 B		9.95 B	32.0	76.2	85.6	65.5	38.2	108	71.2	52.5 B	38.7 B	30
31	15.0 B		9.95 B		76.5		65.7	38.6		73.6		38.4 B	31
TOTAL	544.7	388.6	331.20	518.0	1 996.4	2 554.7	2 466.2	1 380.6	1 760.5	2 786.8	1 949.0	1 388.8	TOTAL
MEAN	17.6	13.4	10.7	17.3	64.4	85.2	79.6	44.5	58.4	89.9	61.5	44.8	MEAN
MAX	21.1	14.8	11.8	32.0	80.6	87.7	94.6	83.6	108	108	72.5	51.8	MAX
MIN	15.0	12.0	9.95	10.0	35.0	72.8	65.5	32.2	38.3	73.2	52.5	38.4	MIN

SUMMARY FOR THE YEAR 1988

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 49.1
MAXIMUM DAILY, 108 ON SEP 30
MINIMUM DAILY, 9.95B ON MAR 28
MAXIMUM INSTANTANEOUS,
111 AT 08:35 EST ON SEP 30

TYPE OF GAUGE - RECORDING
LOCATION - LAT 51 49 20 N
LONG 89 36 00 W
DRAINAGE AREA, 9 010 km²

B - ICE CONDITIONS

REGULATED

MONTHLY TOTAL DISCHARGE
IN CUBIC DECAMETRES

JAN	47 100	JUL	213 000
FEB	33 800	AUG	119 000
MAR	28 800	SEP	151 000
APR	44 800	OCT	241 000
MAY	172 000	NOV	180 000
JUN	221 000	DEC	120 000

TOTAL DISCHARGE, 1 650 000 dam³

OTTAWA RIVER AT ARNPRIOR - STATION NO. 02KC012

DAILY WATER LEVEL IN METRES FOR 1988

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	74.170	74.120	74.110	74.120	74.440	74.120	74.130	74.130	74.170	74.170	---	---	1
2	74.110	74.090	74.120	74.130	74.450	74.090	74.120	74.130	74.160	74.190	---	---	2
3	74.120	74.140	74.180	74.130	74.450	74.080	74.180	74.150	74.180	74.180	---	---	3
4	74.110	74.120	74.150	74.170	74.460	74.140	74.120	74.180	74.180	74.120	---	---	4
5	74.100	74.020	74.140	74.220	74.470	74.150	74.130	74.180	74.130	74.110	---	---	5
6	74.110	74.090	74.140	74.220	74.470	74.180	74.130	74.180	74.150	74.100	---	---	6
7	74.110	74.120	74.080	74.260	74.430	74.080	74.140	74.120	74.130	74.080	---	---	7
8	74.170	74.110	74.080	74.420	74.370	74.100	74.140	74.170	74.150	74.080	---	---	8
9	74.140	74.030	74.120	74.430	74.330	74.120	74.140	74.140	74.130	74.080	---	---	9
10	74.150	74.110	74.130	74.420	74.290	74.140	74.110	74.140	74.180	74.070	---	---	10
11	74.140	74.080	74.070	74.430	74.270	74.150	74.180	74.140	74.140	74.100	---	---	11
12	74.140	74.110	74.130	74.450	74.180	74.120	74.120	74.120	74.140	74.100	---	---	12
13	74.120	74.110	74.120	74.410	74.140	74.120	74.130	74.120	74.100	74.090	---	---	13
14	74.150	74.100	74.120	74.370	74.180	74.120	74.130	74.110	74.110	74.110	---	---	14
15	74.130	74.040	74.110	74.420	74.180	74.120	74.120	74.150	74.050	74.070	---	---	15
16	74.130	74.070	74.140	74.450	74.180	74.150	74.100	74.150	74.130	74.080	---	---	16
17	74.100	74.080	74.150	74.480	74.200	74.150	74.120	74.170	74.120	74.070	---	---	17
18	74.130	74.080	74.130	74.520	74.190	74.090	74.170	74.110	74.150	74.100	---	---	18
19	74.100	74.140	74.110	74.450	74.170	74.140	74.110	74.140	74.130	74.140	---	---	19
20	74.130	74.140	74.140	74.420	74.180	74.100	74.130	74.120	74.140	74.140	---	---	20
21	74.110	74.080	74.130	74.380	74.150	74.120	74.140	74.120	74.130	74.070	---	---	21
22	74.110	74.140	74.130	74.350	74.170	74.130	74.150	74.080	74.150	---	---	---	22
23	74.080	74.080	74.150	74.360	74.150	74.120	74.110	74.120	74.130	---	---	---	23
24	74.080	74.100	74.140	74.340	74.100	74.150	74.110	74.120	74.150	---	---	---	24
25	74.120	74.090	74.140	74.290	74.130	74.110	74.110	74.190	74.130	---	---	---	25
26	74.130	74.100	74.150	74.280	74.120	74.150	74.120	74.130	74.140	---	---	---	26
27	74.080	74.120	74.130	74.280	74.080	74.140	74.140	74.150	74.150	---	---	---	27
28	74.040	74.140	74.120	74.340	74.070	74.150	74.140	74.150	74.150	---	---	---	28
29	74.150	74.140	74.080	74.370	74.070	74.150	74.150	74.150	74.150	---	---	---	29
30	74.070		74.120	74.420	74.080	74.150	74.140	74.150	74.170	---	---	---	30
31	74.120		74.120		74.050		74.130	74.170		---		---	31
MEAN	74.117	74.101	74.125	74.348	74.232	74.127	74.131	74.140	74.141	---	---	---	MEAN
MAX	74.170	74.140	74.150	74.520	74.470	74.150	74.170	74.190	74.180	---	---	---	MAX
MIN	74.040	74.020	74.070	74.120	74.050	74.080	74.100	74.080	74.050	---	---	---	MIN

SUMMARY FOR THE YEAR 1988

WATER LEVELS IN METRES

MAXIMUM DAILY, 74.520 ON APR 18

TYPE OF GAUGE - RECORDING
LOCATION - LAT 45 25 40 N
LONG 76 21 10 W
DATA CONTRIBUTED BY -
ONTARIO HYDRO

REGULATED

WATER LEVELS ARE REFERRED TO GEODETIC SURVEY OF CANADA DATUM

REMARKS - STATION DISCONTINUED OCT 21 1988. REPLACED BY 02KC018

OTTAWA RIVER AT BRITANNIA - STATION NO. 02KF005

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1988

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	1 040	1 300	1 140	1 480	2 520	1 380	581	407	938	725	1 880	1 940	1
2	1 130	1 330	1 030	1 480	2 550	1 110	545	405	885	728	1 930	1 810	2
3	1 040	1 230	984	1 480	2 550	1 230	495	388	930	730	1 850	1 820	3
4	1 020	1 320	1 040	1 540	2 530	1 120	551	445	873	917	1 780	1 780	4
5	1 010	1 350	980	1 900	2 530	1 180	504	480	1 020	1 010	1 640	1 750	5
6	988	1 230	955	1 980	2 540	1 170	462	486	838	1 140	1 670	1 880	6
7	951	1 190	959	2 220	2 800	1 040	464	511	821	1 200	1 720	1 830	7
8	1 080	1 310	912	2 500	2 520	838	493	490	843	1 250	1 670	1 820	8
9	1 120	1 330	818	2 800	2 410	1 000	492	504	815	1 370	1 890	1 880	9
10	1 080	1 200	787	2 810	2 320	958	473	507	934	1 400	1 820	1 820	10
11	1 100	1 230	810	2 590	2 280	917	451	501	877	1 450	1 810	1 570	11
12	1 010	1 200	844	2 570	2 120	893	459	511	908	1 440	1 880	1 580	12
13	1 030	1 220	885	2 570	1 880	852	447	509	935	1 380	1 830	1 470	13
14	1 080	1 180	932	2 520	1 740	788	441	462	876	1 310	1 970	1 480	14
15	1 170	1 230	918	2 540	1 880	770	423	486	885	1 320	2 040	1 310	15
16	1 100	1 280	843	2 500	1 880	708	429	502	787	1 230	2 070	1 380	16
17	1 200	1 240	802	2 880	1 840	854	428	567	762	1 280	2 100	1 480	17
18	1 180	1 200	951	2 740	1 880	887	461	515	726	1 170	2 140	1 480	18
19	1 210	1 120	885	2 700	2 020	847	514	591	729	1 150	2 120	1 410	19
20	1 120	1 190	821	2 600	1 880	856	482	785	703	1 280	2 170	1 400	20
21	1 270	1 200	900	2 570	1 820	801	433	888	713	1 430	2 240	1 370	21
22	1 310	1 230	823	2 480	1 880	556	451	871	888	1 570	2 280	1 320	22
23	1 310	1 180	772	2 410	1 870	558	458	785	720	1 580	2 280	1 380	23
24	1 230	1 140	781	2 430	1 590	543	462	887	883	1 580	2 300	1 380	24
25	1 280	1 180	888	2 380	1 550	573	471	781	875	1 740	2 250	1 350	25
26	1 310	1 180	1 020	2 310	1 530	584	433	838	702	1 880	2 190	1 370	26
27	1 320	1 080	1 250	2 320	1 520	825	388	783	857	1 930	2 120	1 340	27
28	1 320	1 100	1 280	2 380	1 530	584	362	787	848	2 050	2 050	1 140	28
29	1 080	1 130	1 310	2 510	1 440	557	385	818	836	2 080	2 010	1 220	29
30	1 130		1 250	2 580	1 480	568	388	895	711	1 970	1 980	1 200	30
31	1 110		1 420		1 530		423	898		1 930		1 120	31
TOTAL	35 310	35 220	30 118	70 300	62 280	24 202	14 211	18 282	24 070	43 201	58 840	48 990	TOTAL
MEAN	1 140	1 210	971	2 340	2 010	807	458	821	802	1 380	1 880	1 480	MEAN
MAX	1 320	1 350	1 420	2 740	2 850	1 380	581	895	1 020	2 080	2 300	1 940	MAX
MIN	951	1 080	787	1 480	1 440	543	382	388	838	728	1 840	1 120	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 1 370
MAXIMUM DAILY, 2 740 ON APR 18
MINIMUM DAILY, 382 ON JUL 28
MAXIMUM INSTANTANEOUS,
2 820 AT 08:59 EST ON APR 18

SUMMARY FOR THE YEAR 1988

TYPE OF GAUGE - RECORDING
LOCATION - LAT 45 21 54 N
LONG 75 48 18 W
DRAINAGE AREA, 80 900 km²

REGULATED

MONTHLY TOTAL DISCHARGE
IN CUBIC DECAMETRES

JAN	3 050 000	JUL	1 230 000
FEB	3 040 000	AUG	1 580 000
MAR	2 600 000	SEP	2 080 000
APR	6 070 000	OCT	3 730 000
MAY	5 380 000	NOV	5 150 000
JUN	2 090 000	DEC	3 970 000

TOTAL DISCHARGE, 40 100 000 dam³

OTTAWA RIVER AT BRITANNIA - STATION NO. 02KF005

DAILY WATER LEVEL IN METRES FOR 1988

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	58.182	58.381	58.268	58.489	59.182	58.420	57.847	57.688	58.118	57.958	58.728	58.779	1
2	58.261	58.398	58.187	58.480	59.171	58.241	57.820	57.885	58.138	57.981	58.770	58.687	2
3	58.194	58.330	58.152	58.498	59.188	58.327	57.782	57.875	58.111	57.982	58.730	58.705	3
4	58.178	58.391	58.194	58.588	59.152	58.253	57.824	57.727	58.089	58.102	58.681	58.683	4
5	58.174	58.412	58.148	58.763	59.180	58.281	57.788	57.781	58.181	58.170	58.601	58.884	5
6	58.163	58.326	58.130	58.808	59.184	58.284	57.755	57.770	58.043	58.283	58.618	58.820	6
7	58.128	58.303	58.134	58.840	59.142	58.181	57.755	57.783	58.031	58.310	58.647	58.583	7
8	58.205	58.388	58.098	58.880	59.089	58.117	57.780	57.777	58.047	58.344	58.733	58.588	8
9	58.250	58.398	58.027	59.148	59.041	58.185	57.779	57.788	58.100	58.431	58.748	58.807	9
10	58.231	58.307	57.988	59.151	58.994	58.131	57.764	57.780	58.118	58.451	58.707	58.588	10
11	58.238	58.330	58.097	59.138	58.878	58.103	57.744	57.788	58.072	58.478	58.687	58.583	11
12	58.171	58.306	58.048	59.126	58.885	58.085	57.751	57.784	58.088	58.471	58.628	58.582	12
13	58.189	58.322	58.078	59.127	58.742	58.064	57.740	57.782	58.115	58.428	58.710	58.485	13
14	58.218	58.298	58.113	59.100	58.658	58.008	57.733	57.764	58.072	58.387	58.785	58.485	14
15	58.289	58.333	58.100	59.113	58.608	57.992	57.715	57.780	58.085	58.385	58.637	58.388	15
16	58.238	58.350	58.047	59.145	58.621	57.943	57.721	57.787	58.005	58.328	58.654	58.437	16
17	58.309	58.334	58.091	59.168	58.720	57.903	57.721	57.837	57.986	58.348	58.671	58.487	17
18	58.287	58.311	58.127	59.216	58.788	57.862	57.760	57.874	57.959	58.290	58.685	58.485	18
19	58.314	58.251	58.064	59.196	58.826	57.821	57.796	57.855	57.961	58.274	58.685	58.483	19
20	58.281	58.288	58.031	59.148	58.723	57.805	57.764	58.010	57.941	58.350	58.814	58.480	20
21	58.380	58.311	58.090	59.127	58.707	57.883	57.728	58.079	57.949	58.487	58.882	58.428	21
22	58.390	58.328	58.032	59.078	58.745	57.828	57.742	58.068	57.915	58.553	58.862	58.385	22
23	58.388	58.297	57.984	59.041	58.614	57.830	57.751	57.988	57.954	58.585	58.884	58.444	23
24	58.333	58.264	58.008	59.054	58.588	57.818	57.764	57.929	57.910	58.570	58.884	58.418	24
25	58.364	58.278	58.088	59.014	58.545	57.841	57.782	57.998	57.920	58.858	58.858	58.417	25
26	58.387	58.278	58.178	58.980	58.533	57.850	57.728	58.045	57.941	58.747	58.925	58.427	26
27	58.397	58.210	58.348	58.984	58.526	57.881	57.878	58.002	57.905	58.774	58.884	58.405	27
28	58.381	58.238	58.354	59.027	58.528	57.849	57.844	58.005	57.900	58.848	58.845	58.283	28
29	58.223	58.255	58.388	59.084	58.474	57.829	57.848	58.028	57.890	58.848	58.821	58.320	29
30	58.258		58.348	59.138	58.500	57.838	57.872	58.180	57.947	58.787	58.809	58.307	30
31	58.243		58.489		58.528		57.718	58.088		58.771		58.263	31
MEAN	58.285	58.318	58.141	59.000	58.809	58.017	57.748	57.875	58.018	58.429	58.805	58.497	MEAN
MAX	58.397	58.412	58.488	59.216	59.171	58.420	57.847	58.180	58.181	58.848	58.984	58.779	MAX
MIN	58.126	58.210	57.988	58.489	58.474	57.818	57.844	57.875	57.890	57.958	58.601	58.263	MIN

WATER LEVELS IN METRES

MEAN, 58.325
MAXIMUM DAILY, 59.216 ON APR 18
MINIMUM DAILY, 57.844 ON JUL 28
MAXIMUM INSTANTANEOUS,
59.286 AT 08:59 EST ON APR 18

WATER LEVELS ARE REFERRED TO GEODETIC SURVEY OF CANADA DATUM

SUMMARY FOR THE YEAR 1988

TYPE OF GAUGE - RECORDING
LOCATION - LAT 45 21 54 N
LONG 75 48 18 W

REGULATED

DRAINAGE AREA,
80 900 km²

OTTAWA RIVER AT CHATS FALLS - STATION NO. 02KF009

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1988

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	1 040	1 230	1 080	1 340	2 550	1 100	528	445	927	632	1 740	1 780	1
2	1 010	1 250	845	1 340	2 550	1 020	458	390	842	721	1 780	1 810	2
3	998	1 100	1 010	1 410	2 550	1 220	567	397	880	722	1 720	1 700	3
4	553	1 280	985	1 590	2 540	985	498	581	840	1 060	1 810	1 880	4
5	884	1 260	868	1 870	2 570	1 100	450	415	983	1 020	1 470	1 840	5
6	883	1 080	928	1 800	2 520	1 080	457	805	818	1 140	1 480	1 480	6
7	821	1 120	881	2 240	2 500	787	502	478	828	1 230	1 740	1 820	7
8	1 180	1 280	768	2 510	2 300	818	522	541	914	1 170	1 770	1 530	8
9	1 030	1 280	940	2 570	2 310	1 040	492	508	828	1 380	1 780	1 870	9
10	1 040	1 070	888	2 580	2 170	832	448	514	985	1 380	1 880	1 490	10
11	1 030	1 180	837	2 540	2 100	823	472	534	758	1 310	1 820	1 800	11
12	908	1 080	814	2 480	1 980	785	468	480	874	1 380	1 830	1 480	12
13	985	1 180	857	2 480	1 580	778	488	484	710	1 210	1 780	1 300	13
14	1 070	1 090	843	2 410	1 840	849	449	457	972	1 250	1 910	1 380	14
15	1 010	1 220	751	2 500	1 820	713	463	533	788	1 200	2 000	1 050	15
16	1 170	1 210	818	2 590	1 880	578	453	511	831	1 080	1 980	1 440	16
17	1 100	1 140	898	2 630	1 870	814	459	897	718	1 210	1 880	1 420	17
18	1 180	1 140	858	2 710	1 880	473	550	521	703	1 020	2 030	1 370	18
19	1 080	887	783	2 630	2 030	829	500	855	858	1 180	2 020	1 280	19
20	1 080	1 180	802	2 570	1 910	590	483	984	838	1 330	2 060	1 320	20
21	1 270	1 110	815	2 480	1 710	580	458	858	872	1 480	2 180	1 280	21
22	1 280	1 180	880	2 340	1 850	483	494	700	884	1 470	2 170	1 280	22
23	1 280	1 070	780	2 340	1 600	515	451	872	833	1 480	2 230	1 340	23
24	1 130	1 050	737	2 310	1 470	580	455	871	892	1 480	2 180	1 240	24
25	1 200	1 120	858	2 210	1 480	498	469	798	832	1 770	2 110	1 280	25
26	1 240	1 080	1 000	2 230	1 480	582	389	738	867	1 830	2 040	1 280	26
27	1 270	872	1 130	2 230	1 430	600	370	711	588	1 860	1 980	1 080	27
28	1 180	1 040	1 080	2 310	1 480	600	383	787	818	2 010	1 870	1 080	28
29	979	1 080	1 180	2 180	1 280	524	430	838	826	1 930	1 910	1 110	29
30	1 020		1 130	2 500	1 480	574	438	991	718	1 830	1 880	1 180	30
31	1 070		1 310		1 410		445	832		1 820		901	31
TOTAL	33 331	32 988	27 804	68 010	59 030	22 015	14 458	19 328	22 712	41 545	56 300	42 621	TOTAL
MEAN	1 080	1 140	897	2 270	1 900	734	466	623	757	1 340	1 880	1 370	MEAN
MAX	1 270	1 280	1 310	2 710	2 570	1 220	567	991	885	2 010	2 230	1 780	MAX
MIN	821	872	840	1 340	1 280	473	370	390	588	832	1 470	901	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 1 200
MAXIMUM DAILY, 2 710 ON APR 18
MINIMUM DAILY, 370 ON JUL 27

DATA CONTRIBUTED BY -
ONTARIO HYDRO

SUMMARY FOR THE YEAR 1988

TYPE OF GAUGE - POWER PLANT
LOCATION - LAT 45 26 30 N
LONG 75 14 21 W
DRAINAGE AREA, 89 500 km²

REGULATED

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	2 880 000	JUL	1 250 000
FEB	2 850 000	AUG	1 870 000
MAR	2 400 000	SEP	1 880 000
APR	5 880 000	OCT	3 580 000
MAY	5 100 000	NOV	4 860 000
JUN	1 900 000	DEC	3 680 000

TOTAL DISCHARGE, 36 000 000 dam³

OTTAWA RIVER AT CUMBERLAND - STATION NO. 02LB010

DAILY WATER LEVEL IN METRES FOR 1988

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	5.400	5.709	5.534	5.855	5.796	5.445	5.270	5.265	5.373	5.295	5.881E	5.784	1
2	5.524	5.781	5.485	5.770	5.658	5.386	5.263	5.262	5.366	5.308	5.887E	5.738	2
3	5.475	5.697	5.433	5.731	5.621	5.386	5.238	5.309	5.363	5.330	5.882E	5.655	3
4	5.485	5.664	5.414	5.781	5.703	5.398	5.270	5.294	5.388	5.408	5.878E	5.607	4
5	5.508	5.663	5.394	5.760	5.620	5.336	5.263	5.321	5.336	5.500	5.868E	5.592	5
6	5.398	5.628	5.398	5.765	5.670A	5.361	5.248	5.273	5.308	5.463	5.908E	5.518	6
7	5.410	5.589	5.467	5.827	5.780E	5.326	5.241	5.289	5.324	5.490	5.901E	5.548	7
8	5.438	5.622	5.358	5.853	5.690E	5.291	5.255	5.262	5.328	5.478	5.873A	5.500	8
9	5.571	5.648	5.392	5.796	5.590A	5.323	5.228	5.274	5.370	5.494	5.854	5.631	9
10	5.534	5.626	5.360	5.735	5.680A	5.328	5.280	5.284	5.325	5.584	5.900	5.618	10
11	5.557	5.618	5.307	5.656	5.730A	5.281	5.274	5.278	5.308	5.547	5.832	5.640	11
12	5.581	5.642	5.320	5.654	5.770A	5.289	5.258	5.280	5.323	5.510	5.844	5.672	12
13	5.488	5.680	5.278	5.675	5.700A	5.308	5.218	5.258	5.338	5.524	5.823	5.718	13
14	5.505	5.701	5.297	5.650	5.570A	5.306	5.228	5.325	5.323	5.497	5.887	5.663	14
15	5.616	5.627	5.358	5.661	5.580E	5.273	5.254	5.283	5.340	5.545	6.007	5.631	15
16	5.508	5.587	5.294	5.718	5.550A	5.262	5.276	5.258	5.301	5.527	6.023	5.771	16
17	5.530	5.530	5.338	5.758	5.600A	5.262	5.261	5.334	5.314	5.502	5.867	5.834	17
18	5.588	5.588	5.421	5.802	5.670A	5.288	5.253	5.309	5.307	5.482	5.837	5.843	18
19	5.603	5.566	5.424	5.715	5.700A	5.259	5.253	5.282	5.301	5.447	5.882	5.838	19
20	5.561	5.532	5.373	5.548	5.585	5.276	5.260	5.327	5.348	5.492	5.840	5.800	20
21	5.610	5.578	5.330	5.510	5.683	5.245	5.268	5.358	5.301	5.568	5.910	5.888	21
22	5.618	5.564	5.318	5.525	5.645	5.261	5.269	5.344	5.256	5.578	5.907	5.803	22
23	5.577	5.537	5.271	5.788	5.583	5.230	5.261	5.386	5.322	5.588	5.881	5.811	23
24	5.535	5.520	5.318	5.862	5.531	5.223	5.268	5.427	5.278	5.758	5.817	5.758	24
25	5.512	5.500	5.442	5.813	5.513	5.328	5.278	5.408	5.317	5.782A	5.821	5.728	25
26	5.500	5.558	5.598	5.785	5.501	5.348	5.284	5.370	5.316	5.818E	5.838	5.708	26
27	5.515	5.588	5.824	5.787	5.502	5.388	5.283	5.352	5.334	5.870E	5.821	5.688	27
28	5.544	5.505	5.844	5.802	5.485	5.270	5.253	5.358	5.302	5.900E	5.771	5.508	28
29	5.583	5.583	5.777	5.081	5.474	5.242	5.248	5.342	5.325	5.951E	5.670	5.844	29
30	5.528		5.715	5.958	5.490	5.301	5.242	5.394	5.308	5.903E	5.677	5.803	30
31	5.588		5.606		5.482		5.277	5.373		5.887E		5.841	31
MEAN	5.547	5.598	5.451	5.781	5.633	5.298	5.259	5.318	5.325	5.587	5.884	5.888	MEAN
MAX	5.577	5.781	5.844	5.081	5.670	5.445	5.284	5.427	5.388	5.951	6.023	5.843	MAX
MIN	5.388	5.501	5.271	5.510	5.474	5.223	5.218	5.258	5.258	5.295	5.670	5.500	MIN

WATER LEVELS IN METRES

MEAN, 5.528
MAXIMUM DAILY, 6.081 ON APR 28
MINIMUM DAILY, 5.218 ON JUL 13
MAXIMUM INSTANTANEOUS,
6.143 AT 14:48 EST ON APR 29

WATER LEVELS ARE REFERRED TO ASSUMED DATUM
APPLY 36.000 m ADJUSTMENT TO CONVERT TO GEODETIC SURVEY OF CANADA DATUM

SUMMARY FOR THE YEAR 1988

TYPE OF GAUGE - RECORDING
LOCATION - LAT 45 31 17 N
LONG 75 24 45 W

A - MANUAL GAUGE

E - ESTIMATED

REGULATED

OTTAWA RIVER AT DES JOACHIMS - STATION NO. 02KA002

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1988

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	598	719	660	583	1 620	871	442	312	610	478	1 380	1 280	1
2	586	810	610	649	1 740	748	422	478	825	889	1 330	1 280	2
3	578	817	588	633	1 780	830	357	375	885	745	1 300	1 290	3
4	621	888	568	825	1 710	708	483	440	835	942	1 210	1 310	4
5	728	1 080	571	985	1 770	630	380	429	778	1 280	1 440	1 210	5
6	788	830	610	1 230	1 850	818	307	330	715	1 030	1 480	1 220	6
7	784	887	647	1 280	1 570	888	373	342	708	1 110	1 430	1 240	7
8	714	830	589	1 290	1 800	810	385	411	743	1 210	1 310	1 240	8
9	663	840	639	1 270	1 420	578	435	432	788	1 050	1 280	1 240	9
10	658	805	618	1 270	1 330	599	314	368	848	1 030	1 280	1 050	10
11	776	846	618	1 250	1 080	800	431	352	818	1 000	1 370	1 150	11
12	737	889	569	1 270	1 020	397	371	442	715	882	1 550	1 080	12
13	674	787	449	1 540	1 110	428	457	402	662	844	1 580	1 060	13
14	662	819	609	1 670	1 110	484	449	290	673	820	1 580	1 010	14
15	688	787	674	1 700	1 080	418	408	503	731	908	1 550	1 120	15
16	705	783	588	1 730	1 310	401	388	478	820	801	1 550	1 030	16
17	684	788	488	1 800	1 300	434	307	523	487	888	1 520	1 000	17
18	690	800	530	1 630	1 300	357	442	785	477	884	1 550	888	18
19	698	883	493	1 670	1 290	438	378	740	842	1 140	1 720	1 080	19
20	820	789	553	1 720	872	591	340	780	571	1 250	1 780	1 070	20
21	831	747	594	1 780	788	289	377	585	578	1 280	1 850	1 070	21
22	1 010	781	433	1 820	780	457	450	844	556	1 550	1 780	1 050	22
23	998	836	478	1 370	841	394	295	840	628	1 580	1 730	882	23
24	938	873	583	1 480	817	458	321	827	585	1 570	1 680	895	24
25	830	783	438	1 670	802	389	333	548	480	1 630	1 570	717	25
26	840	773	807	1 580	980	513	392	702	486	1 580	1 580	874	26
27	872	738	512	1 880	893	497	350	738	575	1 520	1 580	1 030	27
28	768	698	882	1 550	882	326	384	787	845	1 520	1 550	888	28
29	697	705	885	1 680	815	474	459	883	578	1 470	1 400	902	29
30	881		508	1 700	847	428	332	788	885	1 480	1 290	790	30
31	855		522		731		271	775		1 480		898	31
TOTAL	24 219	23 807	17 592	41 858	37 307	15 827	11 889	18 880	18 788	38 351	45 140	33 113	TOTAL
MEAN	781	821	567	1 380	1 200	531	375	534	828	1 170	1 500	1 070	MEAN
MAX	1 010	1 080	674	1 780	1 780	871	483	795	825	1 880	1 850	1 310	MAX
MIN	578	673	433	583	731	389	257	290	480	478	1 210	888	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 880
MAXIMUM DAILY, 1 850 ON NOV 21
MINIMUM DAILY, 257 ON JUL 3

DATA CONTRIBUTED BY -
ONTARIO HYDRO

SUMMARY FOR THE YEAR 1988

TYPE OF GAUGE - POWER PLANT
LOCATION - LAT 45 11 00 N
LONG 77 41 52 W
DRAINAGE AREA, 57 500 km²

REGULATED

MONTHLY TOTAL DISCHARGE
IN CUBIC DECAMETRES

JAN	2 080 000	JUL	1 010 000
FEB	2 080 000	AUG	1 430 000
MAR	1 520 000	SEP	1 820 000
APR	3 800 000	OCT	3 140 000
MAY	3 220 000	NOV	3 900 000
JUN	1 380 000	DEC	2 860 000

TOTAL DISCHARGE, 27 800 000 dam³

OTTAWA RIVER AT LA CAVE RAPIDS - STATION NO. 02JE012

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1988

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	688	769	511	491	1 300	782	388	284	678	428	1 210	1 130	1
2	684	814	647	487	1 400	744	414	378	684	802	1 150	1 140	2
3	668	828	603	536	1 470	708	284	478	655	882	1 080	1 100	3
4	687	848	585	580	1 470	891	388	467	618	825	1 170	1 080	4
5	698	802	511	738	1 470	818	330	458	707	1 050	1 280	1 080	5
6	782	812	504	781	1 470	834	341	307	677	925	1 380	1 060	6
7	740	828	482	783	1 410	888	348	287	687	931	1 220	1 080	7
8	696	787	485	698	1 380	573	314	342	678	838	1 180	1 070	8
9	685	788	486	752	1 310	588	388	383	652	938	1 180	1 080	9
10	675	781	493	890	1 280	498	312	341	653	933	1 180	1 050	10
11	748	788	448	1 130	1 120	480	393	383	678	831	1 280	1 050	11
12	693	821	486	1 170	1 010	428	401	414	685	928	1 320	1 020	12
13	654	775	458	1 170	881	432	338	311	623	928	1 300	881	13
14	616	787	442	1 180	870	444	381	248	638	928	1 250	878	14
15	613	738	425	1 180	875	484	347	387	633	927	1 320	1 000	15
16	748	804	432	1 180	1 030	385	384	381	587	922	1 280	1 010	16
17	758	788	425	1 180	1 020	388	368	553	488	922	1 210	935	17
18	788	805	437	1 180	1 110	333	383	817	478	922	1 410	934	18
19	883	778	415	1 230	880	488	388	888	472	988	1 500	837	19
20	798	745	421	1 480	803	408	358	822	525	1 040	1 500	838	20
21	805	748	408	1 470	885	278	370	818	504	1 280	1 500	870	21
22	837	780	407	1 280	888	428	385	823	501	1 400	1 480	859	22
23	838	728	382	1 170	892	388	282	818	557	1 420	1 380	878	23
24	828	723	400	1 280	775	410	371	838	517	1 430	1 380	858	24
25	838	718	390	1 150	762	343	320	873	480	1 480	1 380	745	25
28	888	721	402	1 180	785	438	352	808	535	1 480	1 330	811	28
27	805	707	436	1 180	808	401	322	787	545	1 480	1 330	829	27
28	845	881	388	1 280	784	381	380	838	545	1 380	1 350	731	28
29	810	851	459	1 350	878	380	372	888	582	1 330	1 320	778	28
30	714		471	1 330	728	469	301	888	872	1 340	1 140	780	30
31	830		448		788		318	878		1 280		1 040	31
TOTAL	23 220	22 634	14 383	31 371	31 824	14 523	10 972	15 195	17 819	32 888	38 880	30 200	TOTAL
MEAN	749	780	484	1 050	1 030	484	354	490	587	1 080	1 300	974	MEAN
MAX	885	848	847	1 470	1 470	782	414	787	707	1 480	1 500	1 140	MAX
MIN	588	881	380	481	858	278	284	248	488	428	1 080	731	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 775
MAXIMUM DAILY, 1 500 ON NOV 19
MINIMUM DAILY, 248 ON AUG 14

DATA CONTRIBUTED BY -
ONTARIO HYDRO

SUMMARY FOR THE YEAR 1988

TYPE OF GAUGE - POWER PLANT
LOCATION - LAT 45 22 40 N
LONG 75 43 24 W
DRAINAGE AREA, 47 900 km²

REGULATED

MONTHLY TOTAL DISCHARGE
IN CUBIC DECAMETRES

JAN	2 010 000	JUL	848 000
FEB	1 980 000	AUG	1 310 000
MAR	1 240 000	SEP	1 520 000
APR	2 710 000	OCT	2 850 000
MAY	2 750 000	NOV	3 380 000
JUN	1 250 000	DEC	2 610 000

TOTAL DISCHARGE, 24 500 000 dam³

OTTAWA RIVER AT MATTAWA - STATION NO. 02JE013

DAILY WATER LEVEL IN METRES FOR 1988

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	52.542	52.782	52.600	51.149	52.881	52.740	52.444	52.367	52.807	52.531	53.253	53.209	1
2	52.578	52.955	52.576	51.208	53.015	52.809	52.426	52.430	52.783	52.716	53.157	53.245	2
3	52.644	52.889	52.627	51.257	53.104	52.718	52.353	52.422	52.712	52.801	53.029	53.193	3
4	52.667	53.021	52.561	51.432	53.095	52.886	52.499	52.494	52.887	52.917	53.144	53.127	4
5	52.671	52.979	52.503	51.781	53.084	52.867	52.416	52.517	52.767	53.110	53.293	53.183	5
6	52.695	52.830	52.476	51.835	53.081	52.829	52.405	52.432	52.740	52.887	53.232	53.180	6
7	52.809	52.808	52.428	52.074	53.017	52.824	52.464	52.441	52.880A	52.888	53.127	53.153	7
8	52.884	52.778	52.381	51.882	52.995	52.688	52.444	52.482	52.734A	52.894	53.028	53.137	8
9	52.580	52.780	52.264	51.874	52.853	52.498	52.441	52.495	52.740	52.795	53.027	53.093	9
10	52.850	52.792	52.169	52.302	52.851	52.508	52.356	52.449	52.840	52.790	53.094	53.091	10
11	52.818	52.788	52.028	52.588	52.884	52.380	52.443	52.497	52.848	52.719	53.297	53.143	11
12	52.786	52.858	51.945	52.744	52.801	52.358	52.437	52.588	52.711	52.691	53.428	53.095	12
13	52.700	52.785	51.965	52.820	52.971	52.418	52.418	52.421	52.841	52.709	53.421	53.088	13
14	52.763	52.802	51.887	52.828	52.851	52.432	52.365	52.382	52.847	52.765	53.318	53.048	14
15	52.743	52.727	51.884	52.833	53.057	52.404	52.264	52.544	52.824	52.628	53.403	52.988	15
16	52.737	52.809	51.888	52.814	53.153	52.480	52.275	52.854	52.884	52.800	53.372	53.014	16
17	52.780	52.793	51.603	52.781	53.110	52.428	52.289	52.701	52.505	52.823	53.385	52.877	17
18	52.786	52.821	51.397	52.785	53.248	52.343	52.383	52.693	52.833	52.824	53.511	52.832	18
19	52.843	52.808	51.294	52.788	52.868	52.832	52.315	52.724	52.832	53.045	53.725	52.882	19
20	52.885	52.748	51.259	53.010	52.811	52.458	52.311	52.668	52.593	53.119	53.889	52.947	20
21	52.849	52.718	51.158	53.033	52.802	52.233	52.373	52.849	52.527	53.353	53.825	52.902	21
22	52.815	52.805	51.117	52.809	52.855	52.386	52.402	52.734	52.523	53.860	53.568	52.911	22
23	52.738	52.676	51.084	52.863	52.872	52.377	52.262	52.649	52.571	53.548	53.448	52.954	23
24	52.708	52.724	51.079	52.801	52.858	52.412	52.331	52.801	52.538	53.578	53.391	52.949	24
25	52.657	52.675	51.004	52.711	52.815	52.396	52.417	52.710	52.530	53.593	53.387	52.896	25
26	52.826	52.723	51.055	52.702	52.829	52.433	52.424	52.788	52.540	53.643	53.348	52.908	26
27	52.713	52.687	51.032	52.720	52.855	52.442	52.387	52.847	52.819	53.593	53.328	52.908	27
28	52.853	52.672	51.010	52.784	52.886	52.436	52.426	52.889	52.926	53.500	53.337	52.448	28
29	52.785	52.647	51.068	52.873	52.886	52.483	52.438	52.788	52.678	53.413	53.352	52.780	29
30	52.747		51.063	52.879	52.880	52.445	52.328	52.789	52.888	53.414	53.251	52.888	30
31	52.620		51.062		52.821		52.304	52.737		53.385		53.110	31
MEAN	52.746	52.789	51.701	52.420	52.927	52.483	52.380	52.589	52.537	53.087	53.331	53.020	MEAN
MAX	52.919	53.021	52.627	53.033	53.248	52.809	52.499	52.847	52.807	53.843	53.725	53.245	MAX
MIN	52.542	52.647	51.004	51.149	52.802	52.233	52.264	52.367	52.505	52.531	53.027	52.896	MIN

SUMMARY FOR THE YEAR 1988

WATER LEVELS IN METRES

MEAN, 52.875
MAXIMUM DAILY, 53.725 ON NOV 19
MINIMUM DAILY, 51.004 ON MAR 25
MAXIMUM INSTANTANEOUS,
53.743 AT 12:10 EST ON NOV 19

TYPE OF GAUGE - RECORDING
LOCATION - LAT 46 19 00 N
LONG 78 42 30 W

A - MANUAL GAUGE

REGULATED

WATER LEVELS ARE REFERRED TO GEODETIC SURVEY OF CANADA DATUM

OTTAWA RIVER AT PEMBROKE - STATION NO. 02KC013

DAILY WATER LEVEL IN METRES FOR 1988

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	111.400	111.530	111.430	111.330	112.280	111.840	111.130	110.950	111.420	111.280	112.040	111.980	1
2	111.380	111.580	111.430	111.370	112.280	111.580	111.130	110.880	111.430	111.300	112.040	111.980	2
3	111.340	111.580	111.380	111.440	112.300	111.800	111.080	111.030	111.440	111.380	111.850	111.980	3
4	111.380	111.610	111.380	111.520	112.280	111.580	111.050	111.070	111.400	111.490	111.890	111.940	4
5	111.440	111.880	111.340	---	112.280	111.480	111.080	111.130	111.470	111.870	111.840	111.890	5
6	111.480	111.650	111.310	---	112.270	111.480	111.040	111.120	111.480	111.750	112.020	111.890	6
7	111.520	111.640	111.300	---	112.200	111.480	111.020	111.080	111.420	111.750	112.040	111.910	7
8	111.470	111.670	111.310	---	112.180	111.440	111.050	111.040	111.440	111.820	112.000	111.800	8
9	111.430	111.580	111.330	---	112.130	111.400	111.030	111.080	111.450	111.630	111.880	111.880	9
10	111.380	111.540	111.330	---	112.040	111.330	111.020	111.110	111.440	111.750	111.950	---	10
11	111.410	111.540	111.340	---	111.970	111.330	111.040	111.050	111.390	111.710	111.880	---	11
12	111.440	111.540	111.340	112.080	111.810	111.270	111.080	111.080	111.390	111.730	112.020	---	12
13	111.480	111.580	111.230	112.120	111.820	111.250	111.050	111.110	111.410	111.720	112.080	111.790	13
14	111.510	111.540	111.280	112.240	111.820	111.210	111.120	111.070	111.390	111.680	112.120	111.810	14
15	111.550	111.550	111.340	112.300	111.800	111.200	111.080	111.110	111.390	111.650	112.120	111.840	15
16	111.520	111.520	111.350	112.330	111.900	111.190	111.070	111.100	111.380	111.650	112.120	111.790	16
17	111.480	111.530	111.360	112.310	111.950	111.150	111.010	111.170	111.320	111.670	112.140	111.780	17
18	111.530	111.540	111.280	112.280	111.880	111.110	111.040	111.300	111.260	111.710	112.140	111.760	18
19	111.570	111.540	111.260	112.280	111.870	111.070	111.070	111.380	111.240	111.730	112.150	111.720	19
20	111.540	111.540	111.280	112.280	111.850	111.170	111.020	111.420	111.230	111.810	112.230	111.740	20
21	111.550	111.540	111.270	112.260	111.720	111.150	111.020	111.380	111.270	111.850	112.260	111.780	21
22	111.590	111.500	111.230	112.260	111.620	111.110	111.050	111.350	111.250	111.870	112.260	111.740	22
23	111.630	111.550	111.200	112.190	111.720	111.140	111.040	111.350	111.250	112.080	112.230	111.730	23
24	111.650	111.480	111.210	112.130	111.620	111.080	111.010	111.350	111.270	112.080	112.210	111.710	24
25	111.610	111.500	111.230	112.160	111.850	111.120	111.010	111.290	111.210	112.120	112.180	111.830	25
26	111.550	111.480	111.210	112.180	111.670	111.120	111.000	111.320	111.230	112.150	112.130	111.880	26
27	111.580	111.480	111.270	112.200	111.700	111.150	111.020	111.380	111.240	112.180	112.120	111.800	27
28	111.520	111.470	111.310	112.180	111.720	111.180	111.010	111.460	111.280	112.130	112.120E	111.810	28
29	111.570	111.440	111.400	112.220	111.700	111.110	111.040	111.420	111.250	112.100	112.080	111.880	29
30	111.480		111.380	112.260	111.850	111.140	111.070	111.440	111.270	112.080	112.000	111.830	30
31	111.530		111.340		111.570		111.000	111.450		112.080		111.860	31
MEAN	111.488	111.544	111.312	---	111.918	111.274	111.048	111.211	111.343	111.803	112.084	---	MEAN
MAX	111.650	111.680	111.430	---	112.300	111.840	111.130	111.460	111.470	112.180	112.260	---	MAX
MIN	111.340	111.440	111.200	---	111.570	111.070	111.000	110.950	111.210	111.290	111.890	---	MIN

SUMMARY FOR THE YEAR 1988

WATER LEVELS IN METRES

MAXIMUM DAILY, 112.330 ON APR 16
MINIMUM DAILY, 110.950 ON AUG 1

TYPE OF GAUGE - RECORDING
LOCATION - LAT 45 49 45 N
LONG 77 07 02 W
DATA CONTRIBUTED BY -
ONTARIO HYDRO

E - ESTIMATED

REGULATED

WATER LEVELS ARE REFERRED TO GEODETIC SURVEY OF CANADA DATUM

OTTAWA RIVER AT SANDPOINT - STATION NO. 02KC015

DAILY WATER LEVEL IN METRES FOR 1988

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	---	---	---	---	---	---	---	---	---	---	74.200	74.170	1
2	---	---	---	---	---	---	---	---	---	---	74.200	74.180	2
3	---	---	---	---	---	---	---	---	---	---	74.180	74.190	3
4	---	---	---	---	---	---	---	---	---	---	74.180	74.180	4
5	---	---	---	---	---	---	---	---	---	---	74.110	74.180	5
6	---	---	---	---	---	---	---	---	---	---	74.180	74.140	6
7	---	---	---	---	---	---	---	---	---	---	74.220	74.180	7
8	---	---	---	---	---	---	---	---	---	---	74.190	74.200	8
9	---	---	---	---	---	---	---	---	---	---	74.180	74.190	9
10	---	---	---	---	---	---	---	---	---	---	74.180	74.180	10
11	---	---	---	---	---	---	---	---	---	---	74.190	74.180	11
12	---	---	---	---	---	---	---	---	---	---	74.200	74.120	12
13	---	---	---	---	---	---	---	---	---	---	74.200	74.150	13
14	---	---	---	---	---	---	---	---	---	---	74.190	74.080	14
15	---	---	---	---	---	---	---	---	---	---	74.200	74.150	15
16	---	---	---	---	---	---	---	---	---	---	74.220	74.190	16
17	---	---	---	---	---	---	---	---	---	---	74.230	74.150	17
18	---	---	---	---	---	---	---	---	---	---	74.210	74.180	18
19	---	---	---	---	---	---	---	---	---	---	74.220	74.170	19
20	---	---	---	---	---	---	---	---	---	---	74.220	74.170	20
21	---	---	---	---	---	---	---	---	---	---	74.240	74.170	21
22	---	---	---	---	---	---	---	---	---	74.050	74.260	74.150	22
23	---	---	---	---	---	---	---	---	---	74.080	74.280	74.130	23
24	---	---	---	---	---	---	---	---	---	74.140	74.270	74.140	24
25	---	---	---	---	---	---	---	---	---	74.220	74.280	74.150	25
26	---	---	---	---	---	---	---	---	---	74.210	74.220	74.150	26
27	---	---	---	---	---	---	---	---	---	74.200	74.200	74.120	27
28	---	---	---	---	---	---	---	---	---	74.220	74.180	74.180	28
29	---	---	---	---	---	---	---	---	---	74.180	74.190	74.130	29
30	---		---	---	---	---	---	---	---	74.200	74.180	74.150	30
31	---		---		---		---	---		74.190		74.120	31
MEAN	---	---	---	---	---	---	---	---	---	---	74.204	74.160	MEAN
MAX	---	---	---	---	---	---	---	---	---	---	74.280	74.200	MAX
MIN	---	---	---	---	---	---	---	---	---	---	74.110	74.080	MIN

SUMMARY FOR THE YEAR 1988

TYPE OF GAUGE - RECORDING
LOCATION - LAT 45 28 15 N
LONG 76 26 05 W
DATA CONTRIBUTED BY - ONTARIO HYDRO

REGULATED

WATER LEVELS ARE REFERRED TO GEODETIC SURVEY OF CANADA DATUM

REMARKS - STATION ACTIVATED OCT 1988. REPLACES 02KC012

OTTAWA RIVER BELOW TEMISCAMING - STATION NO. 02JE024

DAILY WATER LEVEL IN METRES FOR 1988

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	9.861	9.159	7.121	6.381	9.828	9.772	9.818	9.800	9.820	9.880	9.848	10.088	1
2	9.841	8.797	7.002	6.371	9.863	9.748	9.888	9.788	9.809	9.888	9.858	10.078	2
3	9.748	8.762	6.748	6.488	9.878	9.732	9.887	9.701	9.810	9.858	9.870	10.021	3
4	9.827	9.050	6.805	6.483	9.885	9.730	9.718	9.728	9.814	9.883	10.089	10.040	4
5	9.804	9.388	6.873	6.448	9.883	9.728	9.577	9.841	9.841	9.845	10.048	10.084	5
6	9.888	9.834	6.843	6.437	9.858	9.721	9.884	9.772	9.748	9.347	9.884	10.082	6
7	9.480	9.431	6.518	6.577	9.848	9.738	9.477	9.833	9.838	9.388	9.882	10.081	7
8	9.585	9.374	6.881	7.898	9.888	9.780	9.388	9.778	9.788	9.420	9.870	10.082	8
9	9.771	9.286	6.815	6.778	9.888	9.878	9.805	9.815	9.818	9.428	10.008	10.078	9
10	9.881	9.243	6.803	9.025	9.874	9.834	9.788	9.803	9.789	9.418	10.053	10.024	10
11	9.854	9.188	6.859	9.081	9.778	9.818	9.748	9.838	9.828	9.409	10.051	9.939	11
12	9.837	9.071	6.844	9.138	9.747	9.885	9.848	9.383	9.778	9.418	9.988	9.917	12
13	9.826	9.018	6.830	9.321	9.804	9.844	9.884	9.371	9.788	9.430	9.930	9.918	13
14	9.895	8.894	6.823	9.537	9.871	9.878	9.828	9.742	9.717	9.413	9.973	9.847	14
15	9.840	8.852	6.840	9.898	9.898	9.823	9.743	9.788	9.719	9.373	10.018	10.018	15
16	9.838	8.758	6.857	9.546	9.854	9.397	9.787	9.823	9.845	9.331	10.007	9.894	16
17	9.852	8.647	6.813	9.584	9.878	9.381	9.841	9.787	9.800	9.281	10.084	9.810	17
18	9.832	8.529	6.485	9.651	9.826	9.584	9.711	9.815	9.731	9.282	10.083	9.831	18
19	9.885	8.398	6.470	9.756	9.881	9.846	9.723	9.884	9.788	9.412	10.088	9.821	19
20	9.884	8.384	6.495	9.859	9.883	9.318	9.788	9.784	9.827	9.898	10.088	9.819	20
21	9.887	8.310	6.472	9.812	9.887	9.884	9.748	9.872	9.802	10.038	10.087	9.788	21
22	9.840	8.092	6.483	9.788	9.708	9.703	9.838	9.788	9.884	9.884	10.040	9.803	22
23	9.448	7.981	6.500	9.808	9.793	9.685	9.718	9.825	9.818	10.057	10.078	9.380	23
24	9.217	7.914	6.463	9.771	9.705	9.870	9.782	9.838	9.788	10.080	10.085	8.878	24
25	9.210	7.782	6.528	9.777	9.838	9.728	9.784	9.885	9.828	10.038	10.040	9.811	25
26	9.123	7.858	6.528	9.788	9.848	9.835	9.812	9.880	9.839	9.885	10.028	9.408	26
27	9.186	7.488	6.514	9.778	9.885	9.887	9.787	9.828	9.788	9.828	10.081	9.148	27
28	9.081	7.338	6.478	9.825	9.818	9.847	9.782	9.884	9.712	9.888	10.085	9.808	28
29	9.125	7.177	6.484	9.824	9.884	9.858	9.844	9.825	9.674	9.810	10.084	9.844	29
30	9.287		6.388	9.783	9.788	9.877	9.847	9.883	9.883	9.842	10.017	9.825	30
31	9.188		6.343		9.787		9.784	9.882		9.908		9.457	31
MEAN	9.578	8.803	6.648	8.781	9.770	9.848	9.882	9.787	9.785	9.883	10.021	9.820	MEAN
MAX	9.928	9.834	7.121	9.859	9.898	9.835	9.841	9.815	9.814	10.080	10.085	10.083	MAX
MIN	9.081	7.177	6.343	6.371	9.483	9.318	9.388	9.383	9.583	9.281	9.848	8.878	MIN

SUMMARY FOR THE YEAR 1988

WATER LEVELS IN METRES

MEAN, 9.306
MAXIMUM DAILY, 10.085 ON NOV 19
MINIMUM DAILY, 6.343 ON MAR 31
MAXIMUM INSTANTANEOUS,
10.234 AT 06:23 EST ON MAY 17

TYPE OF GAUGE - RECORDING
LOCATION - LAT 46 42 26 N
LONG 79 06 10 W

REGULATED

WATER LEVELS ARE REFERRED TO GEODETIC SURVEY OF CANADA DATUM

OTTAWA RIVER NEAR WESTMEATH - STATION NO. 02XC005

DAILY WATER LEVEL IN METRES FOR 1988

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	2.035	2.123	2.033	1.885	2.749	1.805	1.413	1.504	1.714	1.726	2.212	2.223	1
2	1.855	2.140	2.080	1.833	2.787	2.088	1.418	1.457A	1.705	1.765	2.180	2.173	2
3	1.881	2.160	2.087	1.884	2.784	2.020	1.413	1.464A	1.728	1.810	2.126	2.121	3
4	1.827	2.155	2.051	1.880	2.788	1.982	1.388	1.501	1.738	1.707	2.043	2.087	4
5	1.821	2.189	2.013	2.068	2.765	1.902	1.388	1.580	1.735	1.820	2.043	2.038	5
6	2.025	2.215	1.988	2.111	2.738	1.827	1.387	1.648A	1.815	1.884	2.130	2.010	6
7	2.110	2.186	1.930	2.288	2.885	1.854	1.388	1.648	1.838	1.889	2.215	2.017	7
8	2.080	2.152	1.915	2.415	2.895	1.815	1.380	1.608	1.823	2.047	2.242	2.037	8
9	2.037	2.087	1.871	2.557	2.512	1.833	1.377	1.590	1.828	2.084	2.205	2.038	9
10	1.863	2.105	2.027	2.610	2.421	1.782	1.374	1.577	1.835	2.054	2.170A	2.011	10
11	1.893	2.083	2.058	2.610	2.288	1.739	1.363	1.562	1.825	1.990	2.164A	1.935	11
12	1.845	2.108	2.075	2.580	2.117	1.718	1.337	1.588	1.781	1.958	2.275	1.902	12
13	2.035	2.124	2.068	2.539	1.980	1.720	1.385	1.586	1.762	1.928	2.362	1.913	13
14	2.088	2.125	2.013	2.578	1.918	1.881	1.431	1.639	1.740	1.908	2.402	1.988	14
15	2.140	2.136	2.012	2.717	1.840	1.852A	1.490	1.642	1.727	1.841	2.433	2.119	15
16	2.075	2.125	2.042	2.849	2.007	1.803	1.536	1.647	1.782	1.815	2.455	2.257	16
17	1.998	2.092	2.015	2.833	2.120	1.888	1.500	1.683	1.780	1.818	2.475	2.238	17
18	1.955	2.084	1.983	2.804	2.186	1.570	1.416	1.708	1.756	1.974	2.480	2.189	18
19	2.053	2.104	1.981	2.854	2.227	1.846	1.386	1.606	1.747	2.004	2.491	2.136	19
20	2.120	2.118	1.958	2.824	2.204	1.508A	1.352	1.701	1.738	2.046	2.529	2.091	20
21	2.083	2.079	1.933	2.783	2.083	1.542	1.336	1.682	1.712	2.072	2.502	2.089	21
22	2.085	2.080	1.923	2.782	1.871	1.855	1.322	1.661	1.706	2.080	2.482	2.182	22
23	2.118	2.113	1.883	2.742	1.894	1.539	1.332	1.711	1.700	2.189	2.850	2.178	23
24	2.188	2.153	1.849	2.626	1.935	1.471	1.338	1.758	1.701	2.323	2.808	2.148	24
25	2.155	2.140	1.853	2.582	1.890	1.471	1.327	1.784	1.700	2.378	2.855	2.098	25
26	2.088	2.123	1.882	2.580	1.851	1.449	1.351	1.762	1.887	2.413	2.478	2.009	26
27	2.012	2.114	1.882	2.585	1.885	1.418	1.382	1.777	1.879	2.448	2.415	2.082	27
28	1.983	2.088	1.988	2.522	1.891	1.418	1.407	1.845	1.704	2.414	2.379	2.105	28
29	2.073	2.074	2.049	2.841	1.818	1.423	1.442	1.905	1.734	2.384	2.383	2.048	29
30	2.122		2.072	2.885	1.886	1.412	1.488A	1.784	1.721	2.287	2.314	2.079	30
31	2.103		1.972		1.817		1.524	1.781		2.255		2.102	31
MEAN	2.035	2.124	1.989	2.520	2.213	1.670	1.397	1.683	1.745	2.048	2.354	2.085	MEAN
MAX	2.188	2.215	2.087	2.933	2.795	2.088	1.536	1.905	1.838	2.448	2.882	2.257	MAX
MIN	1.827	2.080	1.849	1.833	1.817	1.412	1.322	1.457	1.687	1.707	2.043	1.902	MIN

SUMMARY FOR THE YEAR 1988

WATER LEVELS IN METRES

MEAN, 1.985
MAXIMUM DAILY, 2.933 ON APR 17
MINIMUM DAILY, 1.322 ON JUL 23
MAXIMUM INSTANTANEOUS,
2.980 AT 17:36 EST ON APR 17

TYPE OF GAUGE - RECORDING
LOCATION - LAT 45 53 42 N
LONG 75 54 42 W

A - MANUAL GAUGE

REGULATED

WATER LEVELS ARE REFERRED TO ASSUMED DATUM
APPLY 104.548 m ADJUSTMENT TO CONVERT TO GEODETIC SURVEY OF CANADA DATUM

DUSE RIVER NEAR WESTWOOD - STATION NO. 02NJ003

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1988

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	1.90 B	8.00B	1.18B	10.5	4.78	1.56	0.388	0.192	0.094	0.102	0.442E	0.830	1
2	1.73 B	5.80B	1.25B	9.07	4.40	1.44	0.384	0.148	0.078	0.138	0.440	0.990	2
3	1.88 B	3.38B	1.22B	9.19	4.04	1.36	0.300	0.133	0.070	0.123	0.418	0.811	3
4	1.48 B	2.40B	1.18B	12.8	3.85	1.32	0.261	0.140	0.088	0.144	0.410	0.5388	4
5	1.36 B	2.18B	1.18B	14.3	3.48	1.24	0.261	0.108	0.077	0.183	0.402	0.5438	5
6	1.30 B	2.03B	1.20B	13.5	3.34	1.18	0.218	0.091	0.094	0.186	0.731	0.850	6
7	1.18 B	1.84B	1.35	12.5	3.00	1.08	0.182	0.078	0.092	0.188	0.717	0.786	7
8	1.15 B	1.88B	1.68	12.0	2.72	0.984	0.174	0.071	0.130	0.187	0.878	0.8408	8
9	1.08 B	1.85B	2.17	10.8	2.57	0.926	0.162	0.068	0.107	0.177	0.748	0.8858	9
10	1.03 B	1.80B	3.61	8.49	2.60	0.885	0.188	0.085	0.087	0.188	0.785	0.5288	10
11	0.980B	1.74B	3.85	7.32	2.51	0.784	0.214	0.087	0.071	0.183	0.837	0.4858	11
12	0.880B	1.67B	2.63B	6.35	2.38	0.821	0.183	0.083	0.072	0.181	0.871	0.4458	12
13	0.940B	1.63B	2.25	5.80	2.28	0.854	0.139	0.088	0.073	0.113	0.877	0.4108	13
14	0.885B	1.57B	1.95	5.83	2.38	0.739	0.135	0.071	0.082	0.174	0.987	0.3938	14
15	0.825B	1.58B	1.86	5.59	2.35	0.590	0.137	0.088	0.087	0.162	0.958	0.3888	15
16	0.815B	1.84B	1.78	5.82	2.83	0.544	0.189	0.084	0.084	0.147	0.888	0.3678	16
17	0.870B	1.63B	1.68B	5.55	3.67	0.527	0.151	0.078	0.110	0.118	0.870	0.3788	17
18	1.05 B	1.52B	1.54B	5.57	4.09	0.864	0.138	0.080	0.101	0.125	0.821	0.3588	18
19	1.51 B	1.51B	1.40B	5.51	3.84	0.481	0.132	0.075	0.070	0.139	0.784	0.3238	19
20	2.34	1.42B	1.27B	5.19	4.11	0.421	0.127	0.067	0.077	0.151	0.788	0.4158	20
21	4.07	1.31B	1.17B	5.22	4.88	0.389	0.117	0.060	0.088	0.182	0.952	0.5358	21
22	2.70 B	1.49B	1.08B	4.80	4.38	0.426	0.105	0.060	0.071	0.222	0.890	0.4478	22
23	2.03 B	1.45B	1.55B	4.46	3.87	0.545	0.109	0.052	0.115	0.245	0.838	0.4278	23
24	1.50 B	1.40B	11.8 B	4.38	3.27	0.504	0.172	0.072	0.126	0.323	0.778	0.4168	24
25	1.19 B	1.36B	12.2 B	4.30	2.83	0.493	0.227	0.089	0.118	0.333	0.722	0.4148	25
26	1.07 B	1.32B	18.5	4.20	2.58	0.487	0.322	0.130	0.097	0.364	0.685	0.3908	26
27	0.985B	1.27B	20.8	4.30	2.45	0.484	0.303	0.113	0.110	0.318	0.678	0.6408	27
28	0.885B	1.24B	17.4	4.45	2.21	0.453	0.247	0.101	0.120	0.323	0.700	0.9888	28
29	0.790B	1.22B	12.9	4.72	2.00	0.404	0.243	0.091	0.115	0.275	0.682	0.8978	29
30	0.835B		11.1	4.82	1.87	0.378	0.204	0.088	0.125	0.347E	0.684	0.8268	30
31	2.85 B		11.2		1.72		0.184	0.088		0.378E		0.7908	31
TOTAL	43.830	59.86	156.22	217.85	98.84	23.034	6.185	2.727	2.787	6.323	22.193	16.901	TOTAL
MEAN	1.41	2.07	5.04	7.27	3.13	0.768	0.199	0.088	0.092	0.204	0.740	0.545	MEAN
MAX	4.07	9.00	20.8	14.3	4.88	1.56	0.384	0.192	0.130	0.378	0.987	0.985	MAX
MIN	0.790	1.22	1.08	4.20	1.72	0.378	0.105	0.060	0.068	0.102	0.410	0.333	MIN

SUMMARY FOR THE YEAR 1988

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 1.78
MAXIMUM DAILY, 20.8 ON MAR 27
MINIMUM DAILY, 0.060 ON AUG 21
MAXIMUM INSTANTANEOUS,
21.3 AT 02:55 EST ON MAR 27

TYPE OF GAUGE - RECORDING
LOCATION - LAT 44 17 50 N
LONG 75 02 50 W
DRAINAGE AREA, 282 km²

B - ICE CONDITIONS
E - ESTIMATED
REGULATED

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	3 790	JUL	533
FEB	5 180	AUG	236
MAR	13 500	SEP	239
APR	18 800	OCT	546
MAY	8 280	NOV	1 920
JUN	1 990	DEC	1 480

TOTAL DISCHARGE, 58 800 dam³

OXTONGUE RIVER NEAR DWIGHT - STATION NO. 02EB014

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1988

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	9.508	8.778	8.098	24.3	21.8	10.8	1.36	0.523	1.42	8.48	16.3	12.7	1
2	9.208	12.4 B	5.808	27.8	20.6	8.88	1.33	0.498	1.57	10.8	13.8	12.1	2
3	8.508	14.3	5.658	35.1	19.5	7.84	1.26	0.474	2.88	12.9	12.8	11.6	3
4	8.108	14.2	5.508	50.4	18.8	8.78	1.23	0.453	4.13	13.2	12.2	11.2	4
5	7.838	13.0 B	5.358	80.9	17.7	8.13	1.18	0.841	5.84	13.7	11.3	10.8	5
6	7.408	12.5 B	5.258	82.1	15.8	8.47	1.12	0.888	6.40	14.4	12.0	10.2	6
7	7.088	11.5 B	5.158	85.2	16.0	5.07	1.07	0.547	6.44	14.7	13.5	9.93	7
8	7.008	10.5 B	5.058	88.2	15.6	4.72	0.983	0.802	6.88	15.5	13.7	9.51	8
9	8.008	10.2 B	5.108	81.5	14.3	4.22	0.841	0.859	6.84	16.1	13.2	9.06	9
10	3.708	9.008	6.208	86.9	14.3	3.36	0.738	0.858	6.95	16.1	14.0	8.488	10
11	3.588	8.608	5.058	51.1	14.0	2.88	0.738	0.848	7.49	15.4	15.0	7.708	11
12	3.408	8.808	4.788	47.4	12.8	2.80	0.888	0.850	10.0	16.2	20.1	7.508	12
13	3.408	8.808	4.908	44.1	11.6	2.39	0.841	0.843	9.81	15.5	19.7	7.558	13
14	3.458	8.808	5.108	41.8	11.3	2.23	0.700	0.832	9.37	14.9	20.3	7.808	14
15	3.808	8.808	4.808	38.7	11.1	2.13	0.858	0.848	9.38	14.2	20.9	7.308	15
16	3.008	13.0	4.858	38.6	13.8	2.03	0.830	0.878	9.82	13.4	20.5	7.008	16
17	4.808	16.8	4.578	33.7	14.8	1.94	0.827	0.888	11.1	13.1	19.7	8.708	17
18	5.958	18.4	4.508	31.8	14.5	1.84	0.578	0.871	13.3	14.8	18.8	8.908	18
19	4.918	17.8	4.458	28.8	13.6	1.77	0.558	0.863	13.9	16.9	17.8	8.108	19
20	5.108	18.8	4.438	28.0	13.2	1.84	0.837	0.830	14.3	16.8	17.0	8.008	20
21	4.408	14.5 B	4.418	28.8	12.1	1.63	0.859	0.845	14.7	14.4	16.2	8.208	21
22	3.908	12.5 B	4.408	33.3	12.8	1.78	0.548	0.822	14.6	13.9	15.6	8.008	22
23	3.708	11.5 B	4.408	19.8	12.5	1.88	0.537	0.808	14.2	13.6	14.8	8.808	23
24	3.458	10.0 B	4.808	21.4	11.8	1.74	0.564	0.848	13.6	13.0	13.8	8.858	24
25	3.358	8.708	8.808	24.0	11.4	1.70	0.893	0.747	13.3	12.8	13.1	8.058	25
26	3.108	7.808	8.17	25.0	11.8	1.67	0.818	0.940	13.0	13.8	12.8	8.358	26
27	3.058	7.008	13.2	26.4	12.1	1.80	0.843	1.10	11.8	14.7	12.5	8.208	27
28	3.008	6.508	16.2	23.8	12.2	1.55	0.832	1.23	9.86	14.8	13.0	8.008	28
29	2.858	6.258	16.0	23.6	12.0	1.48	0.807	1.28	8.01	15.3	13.3	8.808	29
30	3.208		16.8	22.7	11.8	1.45	0.877	1.34	8.81	15.8	13.1	8.508	30
31	4.008		21.0		11.2		0.848	1.44		16.0		8.458	31
TOTAL	149.37	331.32	219.20	1 128.7	438.1	103.08	23.840	22.729	278.63	443.38	481.1	236.62	TOTAL
MEAN	4.82	11.4	7.07	37.8	14.1	3.40	0.769	0.733	9.32	14.3	15.4	7.69	MEAN
MAX	9.50	18.8	21.0	88.2	21.8	10.8	1.38	1.44	14.7	16.9	20.9	12.7	MAX
MIN	2.45	6.25	4.40	19.8	11.1	1.45	0.537	0.459	1.42	8.48	11.3	6.20	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 10.5
MAXIMUM DAILY, 88.2 ON APR 6
MINIMUM DAILY, 0.459 ON AUG 4
MAXIMUM INSTANTANEOUS,
87.4 AT 05:59 EST ON APR 6

SUMMARY FOR THE YEAR 1988

TYPE OF GAUGE - RECORDING
LOCATION - LAT 45 16 47 N
LONG 78 58 32 W
DRAINAGE AREA, 601 km²

B - ICE CONDITIONS

REGULATED

MONTHLY TOTAL DISCHARGE
IN CUBIC DECAMETRES

JAN	12 900	JUL	2 080
FEB	28 800	AUG	1 980
MAR	19 800	SEP	24 200
APR	97 200	OCT	38 300
MAY	37 800	NOV	39 400
JUN	9 820	DEC	20 800

TOTAL DISCHARGE, 331 000 dam³

PAGWACHUAN RIVER AT HIGHWAY NO. 11 - STATION NO. 05JD005

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1988

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	7.808	3.678	3.008	3.868	127	31.4	85.3	5.32	25.5	40.0	30.5B	43.4 B	1
2	7.558	3.638	3.008	4.188	182	38.0	45.3	5.66	24.1	37.4	19.8B	42.2 B	2
3	7.308	3.608	2.988	4.408	188	35.0	38.1	5.70	22.8	34.4	19.8B	40.2 B	3
4	7.068	3.678	2.988	4.888	176	32.7	32.4	11.6	21.6	32.0	21.8B	37.5 B	4
5	6.908	3.538	2.978	4.908	171	30.2	27.9	13.5	20.6	30.5	23.0B	34.0 B	5
6	6.808	3.508	2.988	5.408	154	27.4	25.2	18.6	19.2	29.4	22.5B	31.0 B	6
7	6.408	3.468	2.988	6.008	134	24.8	23.0	21.3	17.7	28.1	24.2	27.5 B	7
8	6.208	3.458	3.008	13.5 B	116	22.8	20.7	22.8	16.3	26.8	33.3	25.0 B	8
9	6.008	3.428	3.038	17.5 B	109	20.2	18.8	21.4	15.0	24.9	31.0	22.0 B	9
10	5.808	3.398	3.078	22.0 B	108	18.1	18.7	20.5	13.9	24.5	30.8	19.5 B	10
11	5.658	3.358	3.108	25.5 B	101	16.4	15.0	19.7	12.9	25.3	31.4	17.3 B	11
12	5.508	3.328	3.108	28.0 B	92.1	15.0	13.4	19.7	12.3	26.4	31.5A	15.6 B	12
13	5.358	3.308	3.108	35.0 B	103	13.9	12.2	19.3	11.8	24.8	32.0E	15.0 B	13
14	5.208	3.278	3.088	80.0 B	118	13.8	11.6	20.5	12.1	24.0	32.0E	14.2 B	14
15	5.008	3.248	3.088	84.0 B	111	16.8	10.7	74.0	12.5	23.0	33.5E	13.4 B	15
16	4.908	3.218	3.068	86.5 B	102	18.4	10.0	93.2	12.3	21.8	82.0E	12.7 B	16
17	4.758	3.198	3.048	84.5 B	91.6	19.6	9.39	82.2	12.1	22.5	87.0E	12.2 B	17
18	4.608	3.178	3.018	83.0 B	80.7	19.6	8.71	75.7	12.2	26.3	83.0E	11.6 B	18
19	4.508	3.148	3.008	81.0 B	70.7	25.0	8.19	80.6	12.2	27.1	78.0E	11.1 B	19
20	4.408	3.138	2.988	49.0 B	62.1	45.9	7.85	63.3	16.6	27.4	74.0E	10.5 B	20
21	4.308	3.118	2.988	46.5 B	54.9	52.0	7.18	40.7	38.4	27.2	68.0E	10.4 B	21
22	4.208	3.098	2.948	46.5 B	49.3	48.1	6.74	34.1	49.0	27.2	63.0E	10.2 B	22
23	4.158	3.078	2.938	46.5 B	45.0	42.5	6.29	29.1	51.7	27.4	58.0E	10.0 B	23
24	4.058	3.068	3.008	50.5 B	40.7	38.0	5.92	26.1	50.0	27.4	54.0E	9.803	24
25	4.008	3.058	3.148	53.0 B	36.7	34.7	5.94	25.4	46.2	27.5	50.0E	9.608	25
26	3.958	3.048	3.308	55.5 B	33.8	114	5.82	26.4	48.7	27.3	47.0E	9.408	26
27	3.908	3.038	3.408	56.5 B	31.4	114	5.81	30.0	48.7	26.8	46.5B	9.208	27
28	3.858	3.028	3.508	57.9	29.2	105	5.32	30.6	47.4	26.3	44.5B	9.008	28
29	3.808	3.018	3.838	63.0	28.2	87.6	5.08	30.6	45.5	26.6	44.3B	8.808	29
30	3.758		3.748	102	28.4	69.5	5.37	28.6	42.6	23.3	44.0B	8.708	30
31	3.708		3.808		28.3		5.43	27.6		21.8B		8.508	31
TOTAL	181.20	98.03	98.87	1 185.85	2 754.3	1 210.4	474.53	1 012.48	788.8	841.7	1 329.1	580.10	TOTAL
MEAN	5.20	3.26	3.12	38.9	88.8	40.3	15.3	32.7	26.3	27.2	44.3	18.1	MEAN
MAX	7.80	3.67	3.80	102	176	114	85.3	93.2	51.7	40.0	87.0	43.4	MAX
MIN	3.70	3.01	2.93	3.85	28.2	13.8	5.08	5.32	11.8	21.8	19.8	8.50	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 28.7
MAXIMUM DAILY, 176 ON MAY 4
MINIMUM DAILY, 2.938 ON MAR 23
MAXIMUM INSTANTANEOUS,
176 AT 11:44 EST ON MAY 4

SUMMARY FOR THE YEAR 1988

TYPE OF GAUGE - RECORDING
LOCATION - LAT 49 48 00 N
LONG 85 14 00 W
DRAINAGE AREA, 2 020 km²
A - MANUAL GAUGE
B - ICE CONDITIONS
E - ESTIMATED
NATURAL FLOW

MONTHLY TOTAL DISCHARGE
IN CUBIC DECAMETRES

JAN	13 900	JUL	41 000
FEB	8 210	AUG	87 300
MAR	8 370	SEP	68 200
APR	101 000	OCT	72 700
MAY	238 000	NOV	115 000
JUN	105 000	DEC	48 400

TOTAL DISCHARGE, 907 000 dam³

PARKHILL CREEK ABOVE PARKHILL RESERVOIR - STATION NO. 02FF005

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1988

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	0.4848	5.11	0.8388	1.15	0.352	0.087	0	0.048	0	0	0.578E	0.832	1
2	0.3508	3.04	0.7978	0.847	0.318	0.078	0	0.128	0	0	0.550E	0.807	2
3	0.2978	2.01	1.15 B	1.35	0.284	0.080	0	0.035	0	0	0.525E	1.14	3
4	0.2808	1.29 B	1.14 B	2.52	0.270	0.057	0	0.009	0	0	0.509E	3.46	4
5	0.2258	1.04 B	1.01 B	1.89	0.752	0.059	0	0.002	0	0	1.25 E	1.89	5
6	0.1888	0.8008	1.43	1.38	0.238	0.052	0	0.003	0	0.020E	2.70 E	1.42	6
7	0.1688	0.6508	3.25	1.30	0.210	0.043	0	0.018	0	0.045E	1.50 E	1.44	7
8	0.1518	0.5208	5.44 B	1.17	0.193	0.036	0	0.018	0	0.030E	1.43 E	1.03	8
9	0.1378	0.4308	9.88 B	0.984	0.205	0.034	0	0.004	0	0.018E	2.35 E	0.770	9
10	0.1258	0.7408	8.25	0.784	0.281	0.032	0	0.001	0	0.016E	5.50 E	0.6028	10
11	0.1178	0.3408	3.58	0.859	0.238	0.031	0	0	0	0.050E	3.85 E	0.5208	11
12	0.1008	0.3108	3.24	0.584	0.185	0.028	0	0	0	0.400E	8.60 E	0.3858	12
13	0.0928	0.2908	3.58	0.491	0.173	0.018	0	0	0	1.18 E	13.0 E	0.3308	13
14	0.0858	0.2758	2.84	0.487	0.166	0.014	0	0	0	3.73 E	11.6 E	0.2908	14
15	0.0838	0.2808	1.92	0.558	0.148	0.008	0	0	0	8.00 E	3.25 E	0.2708	15
16	0.0838	0.3328	1.65	0.480	0.387	0.005	0	0	0	2.70 E	3.45 E	0.2508	16
17	1.08	0.8118	1.41	0.462	0.783	0.003	0	0	0	1.50 E	3.20 E	0.2388	17
18	3.59	0.940	1.57	0.570	0.486	0.001	0	0	0	5.20 E	1.68 E	0.2308	18
19	1.35	1.14	1.78	0.518	0.322	0	0	0	0	2.80 E	1.05 E	0.2228	19
20	1.26	2.33	1.52	0.468	0.282	0	0	0	0	1.78 E	2.45 E	0.438	20
21	1.31	1.84	1.15	0.480	0.264	0	0	0	0	0.850E	12.3 E	2.89	21
22	0.642	1.80	0.884	0.450	0.258	0	0	0	0	2.25 E	8.80 E	1.78	22
23	0.376	8.08	1.85	0.567	0.218	0	0	0	0	1.41 E	4.37 E	2.80	23
24	0.288	4.63	12.7	1.23	0.188	0	0	0	0	0.880E	2.28 E	4.23	24
25	0.247	3.12	9.04	0.814	0.161	0	0	0	0	2.05 E	1.81	2.05	25
26	0.218	2.05	8.67	0.660	0.137	0	0	0	0	1.58 E	1.22	1.25	26
27	0.183	1.42	4.58	0.587	0.122	0	0	0	0	1.07 E	1.10	1.43	27
28	0.167	1.11	2.36	0.848	0.111	0	0	0	0	0.850E	0.881	9.61	28
29	0.180	1.02	2.36	0.478	0.081	0	0	0	0	0.730E	0.884	3.81	29
30	0.880		2.11	0.426	0.085	0	0	0	0	0.650E	0.855	1.82	30
31	3.83		1.80		0.074		0	0		0.620E		1.14	31
TOTAL	18.346	46.906	101.849	24.859	7.421	0.851	0	0.288	0	41.809	100.788	49.845	TOTAL
MEAN	0.592	1.80	3.28	0.829	0.239	0.022	0	0.009	0	1.34	3.35	1.60	MEAN
MAX	3.93	8.11	12.7	2.52	0.783	0.080	0	0.128	0	8.00	13.0	9.61	MAX
MIN	0.083	0.275	0.787	0.426	0.074	0	0	0	0	0	0.505	0.222	MIN

SUMMARY FOR THE YEAR 1988

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 1.07
MAXIMUM DAILY, 13.0E ON NOV 13
MINIMUM DAILY, 0 ON JUN 19
MAXIMUM INSTANTANEOUS,
15.6 AT 07:37 EST ON MAR 24

TYPE OF GAUGE - RECORDING
LOCATION - LAT 43 09 49 N
LONG 81 37 54 W
DRAINAGE AREA, 110 km²

B - ICE CONDITIONS
E - ESTIMATED
NATURAL FLOW

MONTHLY TOTAL DISCHARGE
IN CUBIC DECAMETRES

JAN 1 590		JUL 0	
FEB 4 020		AUG 33.0	
MAR 8 780		SEP 0	
APR 2 150		OCT 3 590	
MAY 641		NOV 8 710	
JUN 58.2		DEC 4 280	

TOTAL DISCHARGE, 33 800 dam³

PARKS CREEK NEAR LATTA - STATION NO. 02HL005

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1988

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	3.658	4.808	1.758	11.2	3.30	1.18	0.387	0.255	0.188	0.126	0.884	1.18	1
2	3.358	4.108	1.858	10.1	3.11	1.12	0.358	0.224	0.134	0.228	0.825	1.11	2
3	3.158	3.758	1.818	8.76	2.91	1.08	0.368	0.188	0.120	0.508	0.812	1.07	3
4	3.008	3.508	1.548	12.1	2.88	1.08	0.318	0.165	0.115	0.418	0.805	1.08	4
5	2.858	3.308	1.468	12.2	2.61	1.05	0.285	0.178	0.117	0.328	0.493	0.988	5
6	2.758	3.158	1.428	11.1	3.35	0.958	0.269	0.182	0.145	0.277	0.818	1.02	6
7	2.808	3.008	1.408	9.83	3.19	0.805	0.221	0.167	0.126	0.242	0.805	1.01	7
8	2.408	2.858	1.458	9.02	3.09	0.897	0.187	0.138	0.102	0.244	0.853	0.984	8
9	2.258	2.708	1.508	8.31	3.03	0.874	0.168	0.116	0.084	0.221	0.738	0.8138	9
10	2.058	2.608	2.608	7.36	1.94	0.825	0.195	0.103	0.092	0.217	0.778	0.8248	10
11	1.958	2.508	2.758	6.86	1.81	0.737	0.158	0.088	0.082	0.218	0.778	0.7818	11
12	1.808	2.708	2.468	6.00	1.80	0.632	0.138	0.084	0.068	0.284	0.788	0.7568	12
13	1.638	2.508	2.28	5.87	1.45	0.565	0.110	0.077	0.078A	0.311	0.805	0.7048	13
14	1.788	2.408	2.208	5.56	1.49	0.553	0.119	0.078	0.074A	0.262	0.887	0.8848	14
15	1.738	2.408	2.128	5.54	1.40	0.507	0.111	0.088	0.073A	0.285	0.880	0.8738	15
16	1.708	2.308	2.048	5.30	1.43	0.465	0.100	0.074	0.062	0.241	0.902	0.8588	16
17	1.808	2.228	2.288	5.13	2.88	0.437	0.137	0.070	0.061	0.218	0.882	0.8438	17
18	2.308	2.188	3.488	4.80	3.44	0.386	0.188	0.078	0.074	0.288	0.905	0.8278	18
19	2.808	2.108	2.238	4.48	3.14	0.368	0.159	0.088	0.084	0.359	0.884	0.8158	19
20	3.208	2.208	2.088	4.27	3.07	0.365	0.190	0.0808	0.108	0.337	0.838	0.8378	20
21	3.608	2.358	1.758	4.08	3.33	0.330	0.137	0.0488	0.112	0.327	1.40	0.7978	21
22	3.358	2.608	1.658	3.76	3.25	0.346	0.143	0.043E	0.103	0.404	1.43	0.8128	22
23	3.108	2.758	1.618	3.50	3.10	0.395	0.120	0.043E	0.184	0.582	1.34	0.7478	23
24	2.758	2.858	4.67	3.33	2.88	0.426	0.258	0.047A	0.318	0.585	1.26	0.7478	24
25	2.558	2.808	8.77	3.31	2.57	0.426	0.701	0.083	0.238	0.626	1.22	0.7878	25
26	2.358	2.308	19.6	3.22	2.35	0.426	0.580	0.117	0.182	0.687	1.28	0.7478	26
27	2.158	2.108	24.6	3.17	2.07	0.409	0.583	0.122	0.136	0.851	1.32	0.7378	27
28	2.008	1.958	21.8	3.43	1.86	0.401	0.584	0.117	0.136	0.585	1.26	0.8978	28
29	1.908	1.858	16.8	3.62	1.34	0.380	0.478	0.137	0.137	0.583	1.31	1.40 B	29
30	2.008		14.1	3.64	1.31	0.391	0.368	0.157	0.138	0.540	1.23	1.10 B	30
31	3.008		12.4		1.22		0.300	0.190		0.549		0.9008	31
TOTAL	77.78	76.46	185.40	189.25	71.69	18.914	8.356	3.613	3.663	13.107	27.702	28.610	TOTAL
MEAN	2.51	2.71	5.34	6.31	2.31	0.630	0.270	0.117	0.122	0.391	0.823	0.856	MEAN
MAX	3.80	4.80	24.6	12.2	3.44	1.18	0.701	0.255	0.318	0.682	1.43	1.40	MAX
MIN	1.70	1.85	1.40	3.17	1.22	0.330	0.100	0.043	0.081	0.136	0.483	0.615	MIN

SUMMARY FOR THE YEAR 1988

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 1.87
MAXIMUM DAILY, 24.6 ON MAR 27
MINIMUM DAILY, 0.043E ON AUG 22
MAXIMUM INSTANTANEOUS,
25.3 AT 12:13 EST ON MAR 27

TYPE OF GAUGE - RECORDING
LOCATION - LAT 44 17 07 N
LONG 77 19 25 W
DRAINAGE AREA, 205 km²

A - MANUAL GAUGE
B - ICE CONDITIONS
E - ESTIMATED
NATURAL FLOW

MONTHLY TOTAL DISCHARGE
IN CUBIC DECAMETRES

JAN 6 720		JUL 722	
FEB 6 780		AUG 312	
MAR 14 300		SEP 316	
APR 16 400		OCT 1 060	
MAY 6 180		NOV 2 390	
JUN 1 630		DEC 2 300	

TOTAL DISCHARGE, 59 100 dam³

PATTERSON CREEK NEAR SIMCOE - STATION NO. 02GC012

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1988

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	0.731	0.874	0.674	0.885	0.658	0.386	0.232	0.471	0.334	0.304	0.470	0.617	1
2	0.692	0.847	0.892	0.840	0.617	0.389	0.247	0.458	0.329	0.339	0.481	0.590	2
3	0.648	0.732	0.749	0.849	0.601	0.396	0.250	0.437	0.317	0.337	0.455	0.587	3
4	0.5988	0.678	0.698	0.932	0.582	0.378	0.215	0.418	0.307	0.318	0.453	0.574	4
5	0.5808	0.6108	0.652	0.932	0.582	0.368	0.203	0.406	0.481	0.331	0.471	0.587	5
6	0.6408	0.6828	0.885	0.871	0.589	0.352	0.174	0.487	0.414	0.318	0.520	0.572	6
7	0.5208	0.5808	0.687	0.848	0.555	0.336	0.171	0.446	0.389	0.313	0.584	0.580	7
8	0.5008	0.5418	0.716	0.809	0.527	0.338	0.202	0.395	0.361	0.312	0.886	0.644	8
9	0.4858	0.5268	0.823	0.778	0.551	0.342	0.188	0.386	0.353	0.309	0.718	0.525	9
10	0.4778	0.5218	0.871	0.783	0.548	0.308	0.191	0.372	0.365	0.381	0.718	0.517	10
11	0.4758	0.5158	0.808	0.731	0.527	0.304	0.205	0.360	0.341	0.437	0.890	0.5458	11
12	0.4988	0.5098	0.808	0.711	0.531	0.326	0.182	0.698	0.333	0.401	0.853	0.5408	12
13	0.5018	0.5038	0.838	0.894	0.518	0.286	0.191	0.685	0.327	0.381	0.829	0.490	13
14	0.4748	0.518	0.804	0.875	0.521	0.295	0.236	0.552	0.321	0.375	0.886	0.498	14
15	0.4928	0.898	0.772	0.889	0.667	0.287	0.237	0.526	0.308	0.369	0.807	0.503	15
16	0.536	0.722	0.748	0.884	0.585	0.286	0.238	0.488	0.318	0.347	0.735	0.487	16
17	0.551	0.728	0.724	0.858	0.555	0.295	1.17	0.480	0.336	0.335	0.714	0.502	17
18	0.590	0.710	0.723	0.845	0.558	0.288	0.748	0.414	0.344	0.428	0.886	0.507	18
19	0.586	0.728	0.724	0.838	0.563	0.278	0.521	0.381	0.327	0.428	0.842	0.493	19
20	0.598	0.938	0.723	0.829	0.552	0.274	0.449	0.378	0.324	0.446	0.708	0.842	20
21	0.619	0.852	0.692	0.848	0.549	0.280	0.443	0.370	0.307	0.436	0.888	0.822	21
22	0.583	0.848	0.657	0.829	0.545	0.234	0.518	0.337	0.310	0.463	0.851	0.807	22
23	0.585	1.83	0.674	0.833	0.525	0.276	0.721	0.345	0.376	0.486	0.783	0.881	23
24	0.572	1.08	0.733	0.839	0.514	0.273	0.758	0.378	0.375	0.529	0.728	0.741	24
25	0.559	0.883	0.848	0.822	0.501	0.274	0.713	0.385	0.384	0.582	0.887	0.703	25
26	0.547	0.783	1.45	0.587	0.484	0.288	0.648	0.387	0.340	0.542	0.887	0.842	26
27	0.534	0.750	1.24	0.592	0.465	0.288	0.606	0.353	0.314	0.505	0.880	0.884	27
28	0.528	0.720	1.05	0.605	0.449	0.248	0.554	0.397	0.313	0.504	0.873	1.08	28
29	0.513	0.693	0.987	0.645	0.433	0.234	0.511	0.374	0.303	0.494	0.843	1.03	29
30	0.843		0.957	0.881	0.407	0.241	0.491	0.382	0.314	0.479	0.815	0.943	30
31	0.788		0.921		0.388		0.491	0.341		0.459		0.847	31
TOTAL	17.504	21.888	26.219	21.621	16.523	9.160	12.705	13.213	10.902	12.881	20.037	19.360	TOTAL
MEAN	0.585	0.748	0.814	0.717	0.533	0.305	0.410	0.426	0.353	0.408	0.868	0.824	MEAN
MAX	0.788	1.83	1.45	0.932	0.658	0.398	1.17	0.698	0.517	0.582	0.888	1.08	MAX
MIN	0.475	0.603	0.652	0.582	0.388	0.234	0.171	0.337	0.303	0.304	0.453	0.480	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 0.647
MAXIMUM DAILY, 1.83 ON FEB 23
MINIMUM DAILY, 0.171 ON JUL 7
MAXIMUM INSTANTANEOUS,
2.70 AT 02:56 EST ON FEB 23

SUMMARY FOR THE YEAR 1988

TYPE OF GAUGE - RECORDING
LOCATION - LAT 42 51 13 N
.LONG 80 19 41 W
DRAINAGE AREA, 51.3 km²

B - ICE CONDITIONS

REGULATED

MONTHLY TOTAL DISCHARGE
IN CUBIC DECAMETRES

JAN	1 510	JUL	1 100
FEB	1 870	AUG	1 140
MAR	2 180	SEP	918
APR	1 860	OCT	1 080
MAY	1 430	NOV	1 730
JUN	791	DEC	1 670

TOTAL DISCHARGE, 17 300 dam³

PAYNE RIVER NEAR BERWICK - STATION NO. 02LB022

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1988

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	0.8828	5.05 B	0.5008	3.98	4.49	0.222	3.08	0.082	0.187	0.037	1.14	1.88	1
2	0.5998	2.70 B	0.4608	3.31	3.14	0.198	1.75	0.038	0.128	0.089	4.42	1.35	2
3	0.5268	0.8408	0.4058	3.73	2.23	0.134	0.882	0.045	0.100	0.143	13.4	1.20	3
4	0.4778	0.7068	0.3618	14.2	1.81	0.121	0.617	0.042	0.085	0.285	7.98	0.8208	4
5	0.4298	0.6288	0.3088	8.83	1.28	0.108	0.412	0.042	0.088	0.205	4.80	0.744	5
6	0.3608	0.5808	0.2828	5.44	1.05	0.088	0.322	0.031	0.107	0.486	12.8	0.875	6
7	0.2928	0.5408	0.2658	4.04	0.840	0.078	0.250	0.028	0.084	0.573	9.11	0.6488	7
8	0.2558	0.5208	0.3808	3.30	0.690	0.071	0.178	0.028	0.083	0.413	5.15	0.5408	8
9	0.2308	0.5018	0.5588	3.20	0.591	0.089	0.143	0.018	0.089	0.312	4.44	0.4108	9
10	0.2108	0.4838	2.80 B	2.48	0.557	0.089	0.110	0.018	0.069	0.273	3.81	0.3128	10
11	0.1988	0.4718	2.41 B	2.02	0.488	0.087	0.098	0.019	0.047	0.227	3.88	0.2328	11
12	0.1838	0.4558	1.62 B	1.89	0.403	0.081	0.098	0.017	0.043	0.238	2.84	0.1888	12
13	0.1708	0.4408	1.03 B	1.41	0.388	0.048	0.130	0.018	0.041	0.254	2.22	0.1408	13
14	0.1618	0.4258	0.8008	1.45	0.423	0.030	0.100	0.022	0.040	0.332	3.78	0.1308	14
15	0.1538	0.4208	0.7588	1.42	0.394	0.028	0.077	0.083	0.042	0.315	3.14	0.1258	15
16	0.1498	0.4628	0.8208	1.32	0.351	0.024	0.067	0.083	0.037	0.274	2.35	0.1228	16
17	0.1438	0.4818	1.31 B	1.20	0.403	0.019	0.061	0.075	0.048	0.228	1.87	0.1218	17
18	0.1618	0.5408	1.45 B	1.12	0.501	0.019	0.057	0.048	0.061	0.204	1.88	0.1208	18
19	0.2808	0.5918	1.05 B	1.13	0.440	0.016	0.066	0.033	0.050	0.189	1.42	0.1208	19
20	0.4808	0.7188	0.8008	0.928	0.487	0.012	0.071	0.023	0.088	0.170	1.33	0.1888	20
21	0.6508	0.8508	0.5808	0.887	0.787	0.011	0.054	0.025	0.061	0.155	1.83	0.2218	21
22	0.7108	0.9448	0.5008	0.885	0.787	0.022	0.050	0.026	0.051	0.206	2.01	0.2008	22
23	0.8008	1.15 B	0.4348	0.786	0.583	0.175	0.045	0.030	0.059	0.701	1.81	0.1788	23
24	0.3178	1.50 B	4.43 B	0.933	0.455	0.185	0.081	0.044	0.053	3.35	1.48	0.1838	24
25	0.2718	1.30 B	9.47 B	1.32	0.372	0.534	0.082	0.384	0.080	4.13	1.35	0.1608	25
26	0.2388	1.11 B	21.1 B	1.30	0.288	1.85	0.081	0.858	0.044	5.85	1.24	0.1588	26
27	0.2068	0.9808	18.8	1.30	0.232	0.680	0.050	0.608	0.038	3.63	1.38	0.1558	27
28	0.1628	0.7808	8.80	4.55	0.218	0.539	0.198	0.415	0.039	2.55	2.88	0.1508	28
29	0.1878	0.6208	4.28	15.8	0.162	1.05	0.127	0.291	0.031	2.35	3.05	0.1488	29
30	0.1518		4.00	8.28	0.184	1.52	0.071	0.240	0.034	1.73	2.03	0.1438	30
31	5.80 B		4.78		0.240		0.058	0.197		1.37		0.1228	31
TOTAL	15.086	27.888	91.589	101.878	25.038	8.013	9.470	3.839	1.824	35.978	109.82	11.718	TOTAL
MEAN	0.487	0.882	2.95	3.39	0.808	0.287	0.305	0.124	0.084	1.16	3.88	0.378	MEAN
MAX	5.80	5.05	21.1	15.8	4.49	1.85	3.08	0.858	0.187	8.13	13.4	1.88	MAX
MIN	0.143	0.420	0.282	0.788	0.162	0.011	0.045	0.018	0.031	0.037	1.14	0.120	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 1.21
MAXIMUM DAILY, 21.18 ON MAR 26
MINIMUM DAILY, 0.011 ON JUN 21
MAXIMUM INSTANTANEOUS,
28.0 AT 00:09 EST ON MAR 27

SUMMARY FOR THE YEAR 1988

TYPE OF GAUGE - RECORDING
LOCATION - LAT 45 11 30 N
LONG 75 08 20 W
DRAINAGE AREA, 152 km²

B - ICE CONDITIONS

NATURAL FLOW

MONTHLY TOTAL DISCHARGE
IN CUBIC DECAMETRES

JAN	1 300	JUL	818
FEB	2 410	AUG	332
MAR	7 910	SEP	185
APR	8 780	OCT	3 110
MAY	2 180	NOV	9 490
JUN	892	DEC	1 010

TOTAL DISCHARGE, 38 200 dam³

PEFFERLAW BROOK NEAR UDORA - STATION NO. 02EC018

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1988

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	1.958	4.658	1.808	5.25	5.04	1.31	1.18	1.77	1.25	1.84	1.81	2.00	1
2	1.928	5.408	1.948	4.70	4.30	1.28	1.07	1.57	1.13	1.89	1.87	1.93	2
3	1.888	4.908	2.098	5.19	3.63	1.34	0.954	1.40	1.08	2.30	1.82	1.878	3
4	1.858	4.258	2.008	5.07	3.16	1.70	0.759	1.30	1.90	2.53	1.82	1.848	4
5	1.798	3.758	1.928	5.76	2.81	1.81	0.880	1.26	3.46	2.35	2.18	1.808	5
6	1.788	3.208	1.858	5.21	2.75	1.39	0.734	1.45	4.22	2.28	3.72	1.79	6
7	1.708	2.848	2.418	7.48	2.59	1.28	0.700	1.38	3.82	2.28	4.83	1.64	7
8	1.648	2.528	3.988	8.34	2.35	1.18	0.884	1.23	2.81	2.04	4.51	1.638	8
9	1.808	2.308	6.588	8.40	2.30	1.14	0.788	1.17	2.01	1.84	4.04	1.518	9
10	1.538	2.038	9.108	4.87	2.60	1.08	0.701	1.20	1.65	1.98	3.89	1.428	10
11	1.498	1.888	10.6 B	4.03	2.57	0.833	0.789	1.20	1.42	2.25	3.82	1.338	11
12	1.628	1.748	6.868	3.87	2.48	0.794	0.849	1.20	1.30	2.49	3.46	1.248	12
13	1.738	1.618	4.458	3.54	2.30	0.743	0.834	1.25	1.38	2.40	3.18	1.198	13
14	1.898	1.708	3.838	3.70	2.21	0.700	0.809	1.25	1.47	2.18	3.46	1.288	14
15	1.808	1.618	3.388	4.31	2.18	0.803	0.788	1.14	1.47	1.98	3.71	1.388	15
16	1.848	1.878	3.068	4.43	3.48	1.53	0.868	1.05	1.38	1.88	3.31	1.288	16
17	1.748	1.898	2.828	3.86	5.15	0.872	1.03	1.10	1.38	1.78	2.89	1.188	17
18	2.378	2.118	2.628	3.84	5.52	0.887	1.78	1.15	1.37	1.68	2.53	1.128	18
19	3.788	2.228	2.538	3.86	4.48	0.777	1.20	1.21	1.42	2.26	2.29	1.068	19
20	5.008	2.358	2.448	3.86	4.03	0.776	0.984	1.13	1.38	2.41	2.33	1.308	20
21	5.958	1.838	2.358	3.51	4.55	0.706	0.946	1.03	1.38	2.21	3.33	1.808	21
22	5.288	2.048	2.308	3.39	5.10	1.38	0.976	0.873	1.38	2.11	3.81	1.378	22
23	4.408	2.408	2.838	3.24	4.00	3.26	1.24	0.847	1.61	2.28	3.49	1.558	23
24	3.748	2.788	6.008	3.26	3.09	4.63	1.34	1.01	1.77	2.54	2.89	1.558	24
25	3.138	2.488	12.8 B	3.26	2.72E	4.05	1.31	1.18	1.89	2.57	2.58	1.388	25
26	2.788	2.318	15.8	3.14	2.23E	2.27	2.33	1.82	1.46	2.48	2.42	1.298	26
27	2.438	2.138	15.4	3.24	1.76E	1.75	3.49	1.98	1.38	2.30	2.37	1.848	27
28	2.188	2.008	11.2	3.50	1.46E	1.42	3.31	1.73	1.38	2.11	2.29	2.258	28
29	2.028	1.918	7.59	3.89	1.21E	1.30	2.46	1.54	1.43	2.00	2.17	2.738	29
30	2.518		6.20	4.87	1.28E	1.20	1.96	1.44	1.38	1.98	2.08	2.388	30
31	2.898		5.81		1.34		1.84	1.35		1.99		2.128	31
TOTAL	77.65	75.10	184.53	140.77	94.65	44.441	38.455	40.400	51.76	66.88	88.84	49.63	TOTAL
MEAN	2.50	2.68	5.31	4.69	3.05	1.48	1.27	1.30	1.73	2.16	2.88	1.61	MEAN
MAX	5.85	5.40	15.8	8.76	5.52	4.63	3.49	1.98	4.22	2.57	4.83	2.73	MAX
MIN	1.48	1.81	1.80	3.14	1.21	0.700	0.880	0.847	1.08	1.84	1.82	1.08	MIN

SUMMARY FOR THE YEAR 1988

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 2.55
MAXIMUM DAILY, 15.8 ON MAR 26
MINIMUM DAILY, 0.880 ON JUL 5
MAXIMUM INSTANTANEOUS,
17.4 AT 01:15 EST ON MAR 26

TYPE OF GAUGE - RECORDING
LOCATION - LAT 44 16 04 N
LONG 79 11 42 W
DRAINAGE AREA, 332 km²

B - ICE CONDITIONS
E - ESTIMATED

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	6 700	JUL	3 410
FEB	6 490	AUG	3 490
MAR	14 200	SEP	4 470
APR	12 200	OCT	5 780
MAY	8 180	NOV	7 680
JUN	3 840	DEC	4 210

TOTAL DISCHARGE, 80 800 dam³

REMARKS - PRIOR TO 1987, DATA CONTRIBUTED BY ONT. MINISTRY OF THE ENVIRONMENT AS STA. NO. 02EC103

PERCH LAKE INLET NO. 1 NEAR CHALK RIVER - STATION NO. 02KA004

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1988

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	0.001	0.001	0.001	0.057	---	---	---	---	---	---	---	---	1
2	0.001	0.001	0.001	0.072	---	---	---	---	---	---	---	---	2
3	0.001	0.001	0.001	0.080	---	---	---	---	---	---	---	---	3
4	0.001	0.001	0.001	0.121	---	---	---	---	---	---	---	---	4
5	0.001	0.001	0.001	0.080	---	---	---	---	---	---	---	---	5
6	0.001	0.001	0.001	0.074	---	---	---	---	---	---	---	---	6
7	0.001	0	0.001	0.058	---	---	---	---	---	---	---	---	7
8	0.001	0	0.001	0.045	---	---	---	---	---	---	---	---	8
9	0.001	0	0.001	0.033	---	---	---	---	---	---	---	---	9
10	0	0	0.001	0.028	---	---	---	---	---	---	---	---	10
11	0	0	0.001	0.025	---	---	---	---	---	---	---	---	11
12	0.001	0	0.001	---	---	---	---	---	---	---	---	---	12
13	0.001	0	0.001	---	---	---	---	---	---	---	---	---	13
14	0	0	0.001	---	---	---	---	---	---	---	---	---	14
15	0	0	0.001	---	---	---	---	---	---	---	---	---	15
16	0	0	0.001	---	---	---	---	---	---	---	---	---	16
17	0.001	0.001	0.001	---	---	---	---	---	---	---	---	---	17
18	0.001	0.001	0.001	---	---	---	---	---	---	---	---	---	18
19	0.002	0.001	0.001	---	---	---	---	---	---	---	---	---	19
20	0.002	0.001	0.001	---	---	---	---	---	---	---	---	---	20
21	0.002	0.001	0.001	---	---	---	---	---	---	---	---	---	21
22	0.001	0.001	0.001	---	---	---	---	---	---	---	---	---	22
23	0.001	0.001	0.001	---	---	---	---	---	---	---	---	---	23
24	0.001	0.001	0.001	---	---	---	---	---	---	---	---	---	24
25	0.001	0.001	0.002	---	---	---	---	---	---	---	---	---	25
26	0.001	0.001	0.003	---	---	---	---	---	---	---	---	---	26
27	0.001	0.001	0.008	---	---	---	---	---	---	---	---	---	27
28	0.001	0.001	0.007	---	---	---	---	---	---	---	---	---	28
29	0.001	0.001	0.010	---	---	---	---	---	---	---	---	---	29
30	0.001		0.014	---	---	---	---	---	---	---	---	---	30
31	0.001		0.023		---		---	---		---		---	31
TOTAL	0.029	0.019	0.089	---	---	---	---	---	---	---	---	---	TOTAL
MEAN	0.001	0.001	0.003	---	---	---	---	---	---	---	---	---	MEAN
MAX	0.002	0.001	0.023	---	---	---	---	---	---	---	---	---	MAX
MIN	0	0	0.001	---	---	---	---	---	---	---	---	---	MIN

SUMMARY FOR THE YEAR 1988

DISCHARGES IN CUBIC METRES PER SECOND

MINIMUM DAILY, 0 ON JAN 10

TYPE OF GAUGE - RECORDING
LOCATION - LAT 46 02 10 N
LONG 77 22 46 W
DRAINAGE AREA, 0.83 km²

NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	2.51	JUL	---
FEB	1.64	AUG	---
MAR	7.69	SEP	---
APR	---	OCT	---
MAY	---	NOV	---
JUN	---	DEC	---

REMARKS - DISCHARGES TO FOUR SIGNIFICANT FIGURES AVAILABLE FROM REGIONAL OFFICE. STATION DISCONTINUED APR 12 1988

PERCH LAKE INLET NO. 2 NEAR CHALK RIVER - STATION NO. 02KA005

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1988

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	0.006	0.004	0.002	0.055	---	---	---	---	---	---	---	---	1
2	0.006	0.004	0.002	0.073	---	---	---	---	---	---	---	---	2
3	0.005	0.004	0.002	0.107	---	---	---	---	---	---	---	---	3
4	0.005	0.003	0.002	0.283	---	---	---	---	---	---	---	---	4
5	0.005	0.002	0.002	0.244	---	---	---	---	---	---	---	---	5
6	0.004	0.001	0.002	0.310	---	---	---	---	---	---	---	---	6
7	0.003	0.001	0.002	0.301	---	---	---	---	---	---	---	---	7
8	0.002	0.001	0.002	0.240	---	---	---	---	---	---	---	---	8
9	0.002	0	0.002	0.172	---	---	---	---	---	---	---	---	9
10	0.002	0	0.002	0.140	---	---	---	---	---	---	---	---	10
11	0.002	0	0.002	0.124	---	---	---	---	---	---	---	---	11
12	0.002	0	0.002	---	---	---	---	---	---	---	---	---	12
13	0.002	0	0.002	---	---	---	---	---	---	---	---	---	13
14	0.002	0	0.002	---	---	---	---	---	---	---	---	---	14
15	0.002	0	0.002	---	---	---	---	---	---	---	---	---	15
16	0.002	0.001	0.002	---	---	---	---	---	---	---	---	---	16
17	0.002	0.001	0.003	---	---	---	---	---	---	---	---	---	17
18	0.004	0.001	0.003	---	---	---	---	---	---	---	---	---	18
19	0.005	0.001	0.003	---	---	---	---	---	---	---	---	---	19
20	0.005	0.001	0.003	---	---	---	---	---	---	---	---	---	20
21	0.005	0.001	0.003	---	---	---	---	---	---	---	---	---	21
22	0.005	0.001	0.003	---	---	---	---	---	---	---	---	---	22
23	0.005	0.001	0.003	---	---	---	---	---	---	---	---	---	23
24	0.004	0.001	0.002	---	---	---	---	---	---	---	---	---	24
25	0.004	0.001	0.004	---	---	---	---	---	---	---	---	---	25
26	0.004	0.001	0.011	---	---	---	---	---	---	---	---	---	26
27	0.003	0.001	0.018	---	---	---	---	---	---	---	---	---	27
28	0.003	0.001	0.023	---	---	---	---	---	---	---	---	---	28
29	0.003	0.002	0.028	---	---	---	---	---	---	---	---	---	29
30	0.002		0.031	---	---	---	---	---	---	---	---	---	30
31	0.003		0.040		---		---	---		---		---	31
TOTAL	0.108	0.035	0.308	---	---	---	---	---	---	---	---	---	TOTAL
MEAN	0.004	0.001	0.007	---	---	---	---	---	---	---	---	---	MEAN
MAX	0.006	0.004	0.040	---	---	---	---	---	---	---	---	---	MAX
MIN	0.002	0	0.002	---	---	---	---	---	---	---	---	---	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MINIMUM DAILY, 0 ON FEB 9

SUMMARY FOR THE YEAR 1988

TYPE OF GAUGE - RECORDING
LOCATION - LAT 46 02 12 N
LONG 77 22 32 W
DRAINAGE AREA, 3.80 km²

NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	9.42	JUL	---
FEB	3.02	AUG	---
MAR	18.0	SEP	---
APR	---	OCT	---
MAY	---	NOV	---
JUN	---	DEC	---

REMARKS - DISCHARGES TO FOUR SIGNIFICANT FIGURES AVAILABLE FROM REGIONAL OFFICE. STATION DISCONTINUED APR 12 1988

PERCH LAKE OUTLET NEAR CHALK RIVER - STATION NO. 02KA003

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1988

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	0.018	0.012	0.011	0.070	0.108	0.018	0.004	0.002	0.018	0.011	0.032	0.038	1
2	0.018	0.012	0.012	0.113	0.070	0.013	0.004	0.002	0.014	0.033	0.031	0.034	2
3	0.017	0.013	0.012	0.181	0.083	0.011	0.003	0.001	0.012	0.038	0.028	0.032	3
4	0.018	0.011	0.011	0.280	0.052	0.010	0.003	0.012	0.018	0.040	0.026	0.030	4
5	0.018	0.011	0.011	0.372	0.038	0.008	0.002	0.057	0.026	0.048	0.036	0.028	5
6	0.018	0.010	0.010	0.418	0.023	0.003	0.002	0.078	0.025	0.048	0.048	0.025	6
7	0.016	0.009	0.010	0.453	0.018	0.001	0.001	0.072	0.024	0.048	0.048	0.024	7
8	0.014	0.008	0.010	0.440	0.012	0.001	0.001	0.063	0.022	0.043	0.053	0.023	8
9	0.012	0.008	0.010	0.387	0.008	0.001	0.001	0.050	0.021	0.040	0.054	0.022	9
10	0.011	0.008	0.010	0.335	0.007	0.001	0.001	0.052	0.018	0.038	0.057	0.020	10
11	0.011	0.007	0.010	0.284	0.008	0.001	0.001	0.043	0.018	0.038	0.068	0.018	11
12	0.011	0.012	0.011	0.253	0.008	0.001	0	0.037	0.014	0.035	0.085	0.018	12
13	0.012	0.013	0.012	0.223	0.007	0.001	0	0.037	0.012	0.033	0.073	0.018	13
14	0.011	0.012	0.013	0.213	0.007	0.001	0	0.088	0.010	0.031A	0.073	0.018	14
15	0.011	0.015	0.012	0.208	0.008	0	0	0.083	0.008	0.030A	0.068	0.018	15
16	0.011	0.014	0.012	0.188	0.011	0	0	0.058	0.007	0.028A	0.085	0.018	16
17	0.011	0.014	0.012	0.175	0.484	0	0	0.057	0.007	0.032	0.082	0.018	17
18	0.016	0.013	0.013	0.161	0.331	0	0	0.048	0.007	0.037	0.055	0.014	18
19	0.017	0.013	0.012	0.149	0.227	0	0	0.040	0.006	0.035	0.050	0.012	19
20	0.018	0.016	0.012	0.134	0.177	0	0	0.038	0.010	0.033	0.050	0.013	20
21	0.018	0.018	0.012	0.119	0.140	0	0	0.028	0.008	0.031	0.047	0.012	21
22	0.018	0.015	0.011	0.108	0.108	0	0	0.023	0.007	0.032	0.043	0.011	22
23	0.017	0.013	0.011	0.108	0.078	0	0	0.020	0.007	0.030	0.040	0.014	23
24	0.017	0.012	0.011	0.137	0.082	0	0.001	0.028	0.008	0.032	0.038	0.014	24
25	0.016	0.012	0.014	0.133	0.050	0.002	0.003	0.029	0.008A	0.038	0.037	0.014	25
26	0.015	0.012	0.022	0.182	0.043	0.004	0.005	0.020	0.008	0.038	0.038	0.013	26
27	0.014	0.011	0.031	0.141	0.039	0.005	0.005	0.028	0.007	0.038	0.037	0.018	27
28	0.013	0.011	0.033	0.122	0.035	0.005	0.004	0.028	0.008	0.041	0.039	0.018	28
29	0.012	0.011	0.037	0.127	0.031	0.005	0.004	0.022	0.008	0.039	0.038	0.018	29
30	0.011		0.042	0.118	0.028	0.005	0.004	0.020	0.008A	0.037	0.037	0.015	30
31	0.012		0.081		0.022		0.003	0.018		0.034		0.015	31
TOTAL	0.453	0.343	0.500	6.354	2.287	0.091	0.052	1.144	0.387	1.108	1.448	0.578	TOTAL
MEAN	0.015	0.012	0.016	0.212	0.074	0.003	0.002	0.037	0.013	0.036	0.048	0.019	MEAN
MAX	0.018	0.015	0.081	0.453	0.484	0.018	0.005	0.078	0.026	0.048	0.073	0.035	MAX
MIN	0.011	0.007	0.010	0.070	0.008	0	0	0.001	0.005	0.011	0.028	0.011	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 0.040
MAXIMUM DAILY, 0.484 ON MAY 17
MINIMUM DAILY, 0 ON JUN 15
MAXIMUM INSTANTANEOUS,
0.589 AT 11:45 EST ON MAY 17

SUMMARY FOR THE YEAR 1988

TYPE OF GAUGE - RECORDING
LOCATION - LAT 46 02 08 N
LONG 77 22 15 W
DRAINAGE AREA, 7.30 km²
A - MANUAL GAUGE

NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	39.1	JUL	4.69
FEB	29.6	AUG	98.6
MAR	43.2	SEP	30.6
APR	548	OCT	95.6
MAY	198	NOV	125
JUN	7.85	DEC	50.0

TOTAL DISCHARGE, 1 270 dam³

REMARKS - DISCHARGES TO FOUR SIGNIFICANT FIGURES AVAILABLE FROM REGIONAL OFFICE.

PETAWAWA RIVER NEAR PETAWAWA - STATION NO. 02KB001

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1988

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	30.1	23.2	23.4	32.8	158	55.5	19.7	8.87	28.7	17.4	49.5	89.8	1
2	30.8	23.7	23.3	38.3	155	52.4	19.4	9.01	25.8	20.8	48.3	88.0	2
3	30.2	23.8	23.1	45.5	149	49.4	19.2	9.12	24.8	22.3	47.0	87.5	3
4	29.8	23.3	22.8	58.7	142	46.9	18.4	9.33	24.4	25.4	45.8	86.3	4
5	29.0	23.1	22.5	78.3	134	43.9	17.2	13.5	26.3	31.4	45.5	83.9	5
6	27.8	23.0	22.2	104	128	40.2	16.8	14.0	25.8	38.5	47.0	81.4	6
7	26.0	22.7	22.0	132	117	37.3	16.8	14.5	26.9	44.8	46.4	80.0	7
8	25.2	22.4	21.7	161	110	35.3	15.8	14.5	27.4	49.1	47.3	89.0	8
9	25.1	22.8	21.5	188	104	33.3	14.8	14.8	27.8	52.0	48.4	87.2	9
10	25.3	23.1	21.1	202	99.2	31.3	14.0	14.5	27.8	52.2	51.2	83.8	10
11	25.4	23.3	20.7	207	85.3	29.9	13.4	14.3	27.4	52.6	54.5	80.5	11
12	25.8	24.0	20.5	205	80.3	28.6	13.3	14.2	26.9	51.1	59.5	47.5	12
13	26.6	24.3	20.6	201	88.8	27.0	13.2	14.8	26.9	50.0	88.4	46.4	13
14	25.8	24.1	20.4	197	88.3	26.8	12.8	15.8	26.3	48.6	72.5	44.7	14
15	24.3	24.8	20.5	195	88.8	24.8	12.0	24.5	25.5	47.3	77.1	43.6	15
16	23.3	25.5	20.7	191	82.4	23.1	11.8	28.7	24.2	46.8	80.4	41.0	16
17	23.6	25.8	21.0	188	83.8	21.6	11.1	33.0	23.3	44.2	83.6	39.6	17
18	25.2	26.1	20.9	180	82.4	20.2	10.5	36.1	22.7	44.6	85.4	38.6	18
19	25.2	26.0	20.4	172	80.7	19.2	10.0	38.6	21.8	44.7	85.3	37.1	19
20	25.0	25.0	20.4	165	69.2	18.4	9.24	41.2	21.6	44.5	85.5	37.3	20
21	25.2	25.7	20.0	159	67.7	18.8	9.04	40.8	21.3	45.7	86.6	38.5	21
22	25.1	25.5	19.6	151	68.7	18.6	8.83	38.6	20.7	46.9	85.2	38.0	22
23	24.6	25.7	19.2	143	64.5	18.7	8.80	36.4	20.5	48.6	83.2	38.4	23
24	24.2	25.4	19.0	143	61.4	15.8	9.00	35.1	20.3	49.6	80.6	35.7	24
25	24.5	25.2	19.5	148	78.0	17.1	8.89	34.5	19.9	51.9	78.3	36.6	25
26	24.3	24.8	20.6	151	73.7	18.2	8.70	32.6	19.5	53.4	75.4	38.0	26
27	23.3	24.6	23.3	152	70.4	18.4	9.03	31.3	19.1	53.6	73.3	38.0	27
28	22.7	24.1	24.2	153	68.8	20.2	9.37	30.7	18.0	53.6	71.6	34.4	28
29	22.3	23.6	25.6	155	62.9	20.8	9.61	29.6	17.9	53.3	70.6	34.2	29
30	22.0		27.1	159	60.9	20.6	9.20	28.3	17.4	52.6	69.7	33.3	30
31	22.1		29.5		58.4		8.82	27.8		51.2		33.3	31
TOTAL	789.5	705.7	677.3	4 450.7	3 015.9	846.4	387.83	782.83	705.9	1 388.1	2 002.5	1 446.1	TOTAL
MEAN	25.5	24.3	21.8	148	97.3	28.2	12.5	24.3	23.5	44.8	88.8	46.8	MEAN
MAX	30.8	26.1	29.5	207	158	55.5	19.7	41.2	27.8	53.6	85.8	89.8	MAX
MIN	22.0	22.4	19.0	32.8	58.4	15.8	8.69	8.87	17.4	17.4	45.5	33.3	MIN

SUMMARY FOR THE YEAR 1988

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 48.8
MAXIMUM DAILY, 207 ON APR 11
MINIMUM DAILY, 8.69 ON JUL 25
MAXIMUM INSTANTANEOUS,
209 AT 14:42 EST ON APR 11

TYPE OF GAUGE - RECORDING
LOCATION - LAT 45 53 17 N
LONG 77 18 30 W
DRAINAGE AREA, 4 120 km²

REGULATED

MONTHLY TOTAL DISCHARGE
IN CUBIC DECAMETRES

JAN	88 200	JUL	33 500
FEB	81 000	AUG	85 000
MAR	58 500	SEP	81 000
APR	385 000	OCT	120 000
MAY	261 000	NOV	173 000
JUN	73 100	DEC	125 000

TOTAL DISCHARGE, 1 480 000 dam³

PIC RIVER NEAR MARATHON - STATION NO. 02BB003

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1988

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	18.4B	11.4 B	9.20B	14.2B	255 E	90.6	66.7	19.4E	39.8	76.8	82.4	86.0B	1
2	18.1B	11.3 B	9.18B	16.8B	271 E	120	60.0	22.8E	40.0	73.2	87.6	81.3B	2
3	17.8B	11.2 B	9.10B	18.6B	280 E	114	53.1	25.3E	39.2	68.7	84.8	84.3B	3
4	17.6B	11.0 B	9.05B	21.2E	286 E	102	46.8	27.5E	39.1	60.4	86.8	85.8B	4
5	17.1B	10.9 B	9.03B	23.5E	277 E	92.5	40.4	29.4E	40.0	61.1	86.7	83.0B	5
6	17.1B	10.8 B	9.00B	27.5E	259 E	83.3	37.5	31.1E	39.4	77.2	80.4	80.5B	6
7	16.6B	10.7 B	8.93B	32.0E	242 E	78.2	35.8	32.4E	36.9	73.3	67.5	48.8B	7
8	16.3B	10.6 B	8.90B	37.3E	224 E	80.4	34.1	31.8E	34.1	68.2	80.0	46.9B	8
9	16.0B	10.6 B	8.85B	44.5E	212 E	79.6	32.0	30.4E	31.9	68.4	83.4	45.5B	9
10	15.7B	10.5 B	8.78B	52.5E	206 E	73.7	31.0E	29.7E	29.8	66.8	70.4	44.0B	10
11	15.4B	10.4 B	8.74B	64.0E	203 E	67.4	29.8E	29.8E	27.8	65.7	76.1	42.7B	11
12	15.2B	10.3 B	8.70B	81.0E	201 E	61.7	28.4E	30.5E	30.1	65.2	73.8	41.3B	12
13	14.9B	10.3 B	8.67B	105 E	202 E	56.0	27.8E	33.4E	44.3	64.3	73.0	40.0B	13
14	14.7B	10.2 B	8.66B	143 E	224 E	53.9	27.1E	36.2E	51.6	63.2	73.0	39.2B	14
15	14.4B	10.1 B	8.62B	220 E	224 E	57.3	26.3E	42.9E	51.1	60.2	71.4	38.3B	15
16	14.2B	10.0 B	8.60B	210 E	219 E	62.4	25.7E	44.8E	47.1	58.7	132	37.2B	15
17	13.9B	9.95B	8.59B	205 E	213 E	62.7	25.1E	45.7E	43.4	59.6	203	36.3B	17
18	13.7B	9.90B	8.57B	198 E	207 E	60.2	24.6E	46.5E	40.2	76.9	189	35.3B	18
19	13.4B	9.85B	8.55B	182 E	199 E	57.4	23.8E	46.8E	39.1	82.6	179	34.5B	19
20	13.2B	9.80B	8.50B	159 E	181 E	56.9	23.1E	44.2E	59.2	83.4	168	33.7B	20
21	13.0B	9.70B	8.46B	140 E	161 E	56.7	22.4E	41.9E	83.8	81.3	159	32.9B	21
22	12.8B	9.60B	8.42B	130 E	141 E	57.8	21.8E	40.1E	102	84.4	145	32.1B	22
23	12.7B	9.55B	8.40B	123 E	126 E	55.1	21.2E	38.8E	107	84.7	130	31.8B	23
24	12.5B	9.50B	8.75B	122 E	114 E	52.2	20.7E	38.9E	103	82.1	120	30.8B	24
25	12.4B	9.45B	9.80B	123 E	106	57.2	20.1E	36.6E	94.7	79.1	113	30.3B	25
26	12.2B	9.40B	10.4 B	128 E	99.8	73.7	19.9E	36.6	87.5	76.0	108	29.7B	26
27	12.0B	9.35B	11.1 B	136 E	96.6	83.2	19.6E	46.9	83.4	72.9	105	29.0B	27
28	11.8B	9.30B	11.7 B	155 E	95.2	84.3	19.2E	51.6	82.4	73.4	91.7	28.4B	28
29	11.7B	9.25B	12.6 B	195 E	89.4	80.6	19.0E	48.5	82.0	72.7	79.5	28.0B	29
30	11.8B		12.8 B	240 E	84.8	74.7	18.9E	47.1	79.6	67.6	72.0B	27.4B	30
31	11.6B		13.3 B		82.2		18.8E	43.9		64.6		27.0B	31
TOTAL	446.0	294.90	291.83	3 347.0	5 782.3	2 187.7	920.7	1 150.1	1 706.8	2 261.5	2 838.3	1 235.5	TOTAL
MEAN	14.5	10.2	9.41	112	187	72.9	29.7	37.1	57.0	73.0	96.0	39.8	MEAN
MAX	18.4	11.4	13.3	240	286	120	66.7	51.6	107	84.7	203	86.0	MAX
MIN	11.6	9.25	8.40	14.2	82.2	52.2	18.8	19.4	27.8	58.7	47.5	27.0	MIN

SUMMARY FOR THE YEAR 1988

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 81.7
MAXIMUM DAILY, 286E ON MAY 4
MINIMUM DAILY, 8.40B ON MAR 23

TYPE OF GAUGE - RECORDING
LOCATION - LAT 48 46 26 N
LONG 86 17 48 W
DRAINAGE AREA, 4 270 km²

B - ICE CONDITIONS
E - ESTIMATED
NATURAL FLOW

MONTHLY TOTAL DISCHARGE
IN CUBIC DECAMETRES

JAN	38 700	JUL	79 500
FEB	25 500	AUG	89 400
MAR	25 200	SEP	148 000
APR	289 000	OCT	195 000
MAY	500 000	NOV	264 000
JUN	189 000	DEC	107 000

TOTAL DISCHARGE, 1 850 000 dam³

PIGEON RIVER AT MIDDLE FALLS - STATION NO. 02AA001

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1988

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	4.398	3.828	3.118	5.388	14.4E	17.7	8.50E	2.80	14.9	19.0	9.088	15.38	1
2	4.398	3.828	3.118	5.388	14.4E	18.4	7.85E	3.14	20.4	17.1	8.508	15.08	2
3	4.398	3.828	3.118	5.528	14.2E	15.1	7.06E	3.11	20.1	15.5	8.218	14.78	3
4	4.398	3.688	2.978	5.668	14.2E	14.2	6.51E	3.43	20.0	14.5	8.218	14.48	4
5	4.258	3.688	2.978	6.238	14.2E	13.2	5.95E	4.13	15.7	13.8	8.218	14.28	5
6	4.258	3.688	2.978	7.088	14.2E	12.3	5.38E	4.81	14.4	12.8	8.508	13.98	6
7	4.258	3.688	2.868	11.3 B	14.2E	11.4	4.81E	5.68	12.9	11.7	9.918	13.68	7
8	4.258	3.688	2.978	17.0 B	17.0E	11.1	4.53E	6.88	11.8	11.0	10.2 B	13.38	8
9	4.258	3.688	2.978	25.5 B	23.1	10.5 E	4.28E	7.14	10.8	10.5	10.5 B	13.08	9
10	4.258	3.688	2.978	28.3 B	35.1	9.91E	3.98E	6.63	8.83	9.94	11.0 B	12.78	10
11	4.188	3.688	2.978	34.0 B	47.8	9.34E	3.68E	5.78	9.32	9.49	11.6 B	12.78	11
12	4.188	3.688	2.978	39.6 B	43.0	8.78E	3.54E	5.15	8.47	9.29	11.9 B	12.58	12
13	4.118	3.688	2.978	45.3 B	45.6	8.50E	3.40E	5.15	7.82	8.87	12.7 B	12.58	13
14	4.118	3.548	2.978	51.6	48.4	8.21E	4.25E	6.15	7.25	7.99	13.6 B	12.58	14
15	4.118	3.548	3.118	42.5	42.2	7.93E	5.10E	9.20	6.68	7.58	14.7 B	12.58	15
16	3.968	3.548	3.118	35.4	37.8	7.65E	5.10E	8.49	6.74	7.70	56.6 B	12.28	16
17	3.968	3.548	3.288	33.7	34.8	8.13E	4.25E	21.3	7.14	8.21	56.6 B	12.28	17
18	3.968	3.548	3.288	31.4	31.7	8.50E	3.68E	22.1	7.25	8.55	48.1 B	12.28	18
19	3.968	3.408	3.408	28.3	28.3	9.34E	3.17	18.8	88.8	8.41	39.6 B	11.98	19
20	3.988	3.408	3.408	25.5	25.8	9.34E	3.43	13.4	108 E	7.93	34.0 B	11.98	20
21	3.988	3.408	3.408	23.2	24.1	9.08E	3.23	11.4	72.2	7.90	28.3 B	11.98	21
22	3.988	3.408	3.548	21.4	23.1	8.21E	3.34	10.8	49.8	7.70	25.5 B	11.98	22
23	3.868	3.408	3.548	20.1	22.8	7.65E	3.28	36.8	36.8	8.89	22.7 B	11.98	23
24	3.988	3.288	3.688	18.4 E	22.3	8.50E	3.17	37.1	31.4	12.1	21.2 B	11.68	24
25	3.988	3.288	5.108	17.0 E	21.4	7.93E	3.09	26.3	26.5	13.9	19.8 B	11.68	25
26	3.968	3.288	5.668	15.6 E	20.4	7.08E	2.80	22.3	23.1	13.2	18.4 B	11.68	26
27	3.968	3.288	5.958	15.3 E	20.2	6.51E	2.61	19.2	21.3	12.8	17.0 B	11.68	27
28	3.828	3.288	5.958	15.0 E	21.0	8.50E	2.38	17.3	19.3	12.7 B	16.4 B	11.38	28
29	3.828	3.118	5.668	14.7 E	21.8	9.08E	2.38	16.1	18.5	11.9 B	15.9 B	11.38	29
30	3.828		5.528	14.7 E	20.8	9.08E	2.44	14.8	19.8	11.0 B	15.6 B	11.38	30
31	3.828		5.388		19.3		2.55	13.8		9.918		11.08	31
TOTAL	126.51	102.37	114.81	660.05	787.8	288.09	128.48	381.85	709.80	341.44	592.50	390.2	TOTAL
MEAN	4.08	3.53	3.70	22.0	25.7	8.97	4.18	12.8	23.7	11.0	19.8	12.8	MEAN
MAX	4.39	3.82	5.95	51.6	48.4	17.7	8.50	37.1	108	19.0	56.6	15.3	MAX
MIN	3.82	3.11	2.86	5.38	14.2	8.51	2.38	2.80	6.74	7.58	8.21	11.0	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 12.7
MAXIMUM DAILY, 108E ON SEP 20
MINIMUM DAILY, 2.35 ON JUL 28

SUMMARY FOR THE YEAR 1988

INTERNATIONAL GAUGING STATION
TYPE OF GAUGE - RECORDING
LOCATION - LAT 48 00 44 N
LONG 89 38 58 W
DRAINAGE AREA, 1 550 km²

B - ICE CONDITIONS
E - ESTIMATED
NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	10 800	JUL	11 200
FEB	8 840	AUG	33 800
MAR	9 920	SEP	61 300
APR	57 000	OCT	29 500
MAY	68 000	NOV	51 200
JUN	25 000	DEC	33 700

TOTAL DISCHARGE, 402 000 dam³

PINE RIVER AT LURGAN - STATION NO. 02FD001

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1988

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	1.74 B	17.7 B	1.12 B	3.37 A	0.592E	0.070	0	0	0	0	2.22	1.82	1
2	1.46 B	5.82 B	0.955B	2.75 A	0.480E	0.085	0	0	0	0.001	2.23	1.85	2
3	1.27 B	2.91 B	0.685B	2.64	0.402E	0.055	0	0	0	0.002	2.12	1.61	3
4	1.12 B	2.08 B	0.793B	2.77	0.306A	0.053	0	0	0	0.228	1.88	1.40	4
5	0.958B	1.82 B	0.714B	2.82	0.273	0.048	0	0	0	0.640	2.21	1.25	5
6	0.852B	1.68 B	0.892B	2.48	0.248	0.044	0	0	0	0.887	4.14	1.12	6
7	0.770B	1.53 B	1.27 B	2.10	0.214	0.038	0	0	0	1.08	5.41	1.02	7
8	0.715B	1.36 B	2.48 B	1.88	0.195	0.032	0	0	0	0.735	5.47	0.856	8
9	0.664B	1.13 B	15.2 B	1.84 A	0.208	0.038	0	0	0	0.400	7.13	0.687	9
10	0.618B	0.851B	11.1 B	1.52 E	0.392	0.032	0	0	0	0.343	34.3	0.582B	10
11	0.584B	0.745B	9.38 B	1.01 E	0.507	0.028	0	0	0	2.87	21.3	0.585B	11
12	0.585B	0.692B	8.20 B	0.912E	0.384	0.022	0	0	0	4.00	9.10	0.492B	12
13	0.520B	0.656B	4.80 B	0.844E	0.319	0.017	0	0	0	4.21	10.3 A	0.481B	13
14	0.495B	0.611B	4.08 B	0.837E	0.268	0.008	0	0	0	2.83	9.88	0.535B	14
15	0.485B	1.08 B	3.02 B	0.815E	0.230	0.005	0	0	0	1.71	5.01	0.554B	15
16	0.544B	2.63 B	2.54 B	0.722E	0.704	0.003	0.001	0	0	1.10	3.54	0.507B	16
17	1.02 B	4.82 B	2.32 B	0.671E	0.752	0.002	0	0	0	0.845	2.73	0.462B	17
18	3.19 B	4.41 B	4.19 B	0.758E	0.441	0.001	0	0	0	2.41	2.11	0.439B	18
19	4.78 B	3.94 B	2.65 B	0.842E	0.326	0.001	0	0	0	3.29	1.70	0.558B	19
20	7.16 B	3.31 B	1.74 B	0.738E	0.268	0.001	0	0	0	1.83	1.57	5.10 B	20
21	4.36 B	2.78 B	1.58 B	0.818E	0.330	0.001A	0	0	0	1.31	1.88	25.0	21
22	2.82 B	3.14 B	3.12 B	0.724E	0.492	0.001A	0	0	0	1.13	2.60	12.1 A	22
23	1.81 B	3.80 B	10.2 B	0.858E	0.448	0.001	0	0	0	1.18	2.05	9.88	23
24	1.36 B	2.66 B	37.2 E	0.809E	0.332	0.001	0	0	0	1.74	1.75	11.8 A	24
25	1.08 B	2.27 B	23.4 E	0.745E	0.228	0.001	0	0	0	9.82	1.49	8.81 A	25
26	0.870B	1.88 B	16.0 A	0.678E	0.185	0 A	0	0	0	25.8	1.30	3.37 A	26
27	0.711B	1.64 B	11.4	0.625E	0.171	0 A	0	0	0	17.7	1.32	3.52	27
28	0.588B	1.46 B	8.27	0.598E	0.140	0	0	0	0	9.23	1.39	13.2	28
29	0.520B	1.27 B	7.24	0.777E	0.122	0	0	0	0	8.88	1.39	5.38	29
30	1.92 B		7.80	0.882E	0.100	0	0	0	0	3.88	1.81	2.70 B	30
31	12.3 B		4.70		0.082		0	0		2.58		1.84 B	31
TOTAL	58.088	80.885	204.518	39.802	10 178	0.589	0.001	0	0	109.718	152.89	118.518	TOTAL
MEAN	1.87	2.78	6.60	1.33	0.328	0.018	0	0	0	3.54	5.10	3.78	MEAN
MAX	12.3	17.7	37.2	3.37	0.752	0.070	0.001	0	0	25.8	34.3	25.0	MAX
MIN	0.488	0.811	0.714	0.598	0.082	0	0	0	0	0	1.30	0.638	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 2.11
MAXIMUM DAILY, 37.2E ON MAR 24
MINIMUM DAILY, 0A ON JUN 28

SUMMARY FOR THE YEAR 1988

TYPE OF GAUGE - RECORDING
LOCATION - LAT 44 05 40 N
LONG 81 43 31 W
DRAINAGE AREA, 154 km²
A - MANUAL GAUGE
B - ICE CONDITIONS
E - ESTIMATED
NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	5 020	JUL	0.03
FEB	8 870	AUG	0
MAR	17 700	SEP	0
APR	3 440	OCT	9 480
MAY	878	NOV	13 200
JUN	48.2	DEC	10 100

TOTAL DISCHARGE, 88 800 dam³

PINE RIVER NEAR EVERETT - STATION NO. 02ED014

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1988

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	---	6.40B	2.05B	3.74	2.59	1.54	0.880E	0.780E	0.710E	1.05E	1.08E	1.39	1
2	---	4.40B	1.98B	3.65	2.37	1.53	0.880E	0.740E	0.700E	1.30E	1.07E	1.36	2
3	---	3.60B	1.83B	4.51	2.29	1.51	0.840E	0.730E	0.700E	1.55	1.08E	1.26	3
4	---	2.90B	1.90B	5.58	2.15	1.44	0.825E	0.720E	1.90 E	1.15E	1.05E	1.27	4
5	---	2.50B	1.88B	4.55	2.07	1.32	0.815E	0.715E	3.39	1.24	1.12E	1.22	5
6	---	2.35B	1.88B	4.07	2.01	1.26	0.812A	0.710E	1.71	1.38	1.81	1.30	6
7	---	2.20B	1.85B	3.73	1.91	1.37	0.800E	0.708E	1.18	1.15E	1.80	1.29	7
8	---	2.10B	1.80B	3.51	1.88	1.37	0.785E	0.705E	1.04 E	1.12E	1.80	1.30	8
9	---	2.00B	2.60B	3.21	1.83	1.25	0.790E	0.715E	0.950E	1.10E	1.89	1.28B	9
10	---	1.95B	3.40B	2.98	2.39	1.10	0.780E	0.880E	0.860E	1.09E	2.38	1.22B	10
11	---	1.80B	3.20B	2.88	2.17	1.08 E	0.770E	0.840E	0.820E	1.19	2.83	1.18B	11
12	---	2.20B	2.70B	2.80	1.98	1.00 E	0.780E	0.800E	0.800E	1.42	1.95	1.14B	12
13	---	2.30B	2.35B	2.76	1.83	0.990E	0.755E	0.780E	1.01 E	1.80	2.03	1.10B	13
14	---	2.10B	2.15B	2.84	1.88	0.860E	0.750E	0.780E	0.880E	1.55	2.14	1.07B	14
15	---	2.20B	2.00B	2.86	1.88	0.880E	0.740E	0.755E	0.800E	1.85	1.76	1.05B	15
16	---	2.75B	1.90B	2.71	3.19	1.08 E	0.735E	0.770E	0.780E	1.39	1.71	1.03B	16
17	---	2.70B	1.82B	2.86	2.57	1.02 E	0.725E	0.800E	0.780E	1.08E	1.87	1.02B	17
18	---	2.35B	1.77B	2.85	2.18	1.00 E	0.720E	0.780E	0.800E	1.38	1.52	1.01B	18
19	---	2.20B	1.75B	2.73	2.06	0.980E	0.718E	0.750E	0.805E	1.38	1.44	1.00B	19
20	---	2.40B	1.73B	2.84	2.31	0.870E	0.715E	0.730E	0.810E	1.23	1.59	1.30B	20
21	---	2.10B	1.70B	2.88	2.51	1.09	0.712E	0.725E	0.815E	1.19E	2.14	1.67B	21
22	---	2.30B	1.68B	2.61	2.84	1.87	0.710E	0.740E	0.800E	1.17E	1.88	1.50B	22
23	---	2.60B	2.90B	2.37	2.24	1.75	0.707E	0.830E	1.14 E	1.18E	1.61	1.80B	23
24	---	2.50B	3.87	2.74	1.97	1.22	0.705E	0.872A	0.840E	1.25	1.51	1.50B	24
25	---	2.20B	4.54B	2.82	1.87	1.08 E	0.703E	1.03 E	0.870E	1.34	1.43	1.35B	25
26	---	2.12B	6.74B	2.51	1.78	1.05 E	0.700E	0.800E	0.830E	1.34	1.41	1.20B	26
27	---	2.10B	6.00	2.49	1.75	1.00 E	0.810E	0.820E	0.802A	1.25	1.48	1.24B	27
28	---	2.10B	3.94	2.56	1.69	0.980E	0.740E	0.770E	0.785E	1.25	1.41	1.70B	28
29	2.20B	2.25B	3.87	2.65	1.67	0.930E	0.732A	0.750E	0.780E	1.24	1.41	1.45B	29
30	3.00B		4.88	3.00	1.62	0.900E	0.730E	0.730E	0.770E	1.11E	1.40	1.30B	30
31	4.00B		4.25		1.56		0.860E	0.715E		1.10E		1.40B	31
TOTAL	---	73.87	87.06	93.37	65.24	35.300	23.754	24.110	30.027	39.32	48.77	39.88	TOTAL
MEAN	---	2.64	2.81	3.11	2.10	1.18	0.766	0.778	1.00	1.27	1.63	1.29	MEAN
MAX	---	6.40	6.74	5.58	3.19	1.75	0.880	1.03	3.39	1.80	2.83	1.80	MAX
MIN	---	1.90	1.68	2.37	1.56	0.900	0.700	0.705	0.700	1.05	1.05	1.00	MIN

DISCHARGES IN CUBIC METRES PER SECOND

SUMMARY FOR THE YEAR 1988

MAXIMUM DAILY, 6.74B ON MAR 26
MINIMUM DAILY, 0.700E ON JUL 28
MAXIMUM INSTANTANEOUS,
7.55B AT 01:00 EST ON MAR 26

TYPE OF GAUGE - RECORDING
LOCATION - LAT N
LONG W

A - MANUAL GAUGE
B - ICE CONDITIONS
E - ESTIMATED

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	---	JUL	2 050
FEB	6 370	AUG	2 080
MAR	7 520	SEP	2 590
APR	8 070	OCT	3 400
MAY	5 640	NOV	4 210
JUN	3 050	DEC	3 450

REMARKS - OPERATION ASSUMED BY WRB APR 1988. OPERATED BY OMOE AS 02ED103 UP TO 1988

PINEIMUTA RIVER AT EYES LAKE - STATION NO. 04PA003

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1988

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	10.7 B	7.95B	5.30B	5.35B	45.5	59.9	41.3	15.5	40.8	170E	123 E	55.0B	1
2	10.5 B	7.65B	5.28B	5.35B	55.5	56.8	36.2	15.8	42.4	173E	121 E	54.0B	2
3	10.4 B	7.60B	5.21B	5.35B	55.2	58.3	34.8	15.1	43.0	175E	117 E	53.0B	3
4	10.3 B	7.73B	5.19B	5.36B	73.3	56.4	31.4	14.8	43.9	178E	115 E	51.0B	4
5	10.2 B	7.65B	5.15B	5.37B	79.1	55.4	28.4	14.4	42.5	180E	112 E	50.0B	5
6	10.1 B	7.80B	5.10B	5.38B	83.1	53.3	27.4	13.4	41.2	181E	110 E	48.0B	6
7	10.0 B	7.55B	5.05B	5.39B	84.7	49.9	26.5	12.8	38.7	181E	106 E	47.0B	7
8	9.85B	7.50B	5.00B	5.40B	84.8	47.2	25.1	12.0	35.6	182E	103 E	45.0B	8
9	9.75B	7.45B	5.05B	5.41B	84.6	45.2	24.2	11.3	30.3	181E	101 E	44.0B	9
10	9.85B	7.40B	5.90B	5.44B	82.4	44.0	22.8	10.8	28.6	181E	99.0E	43.0B	10
11	9.55B	7.30B	5.85B	5.50B	82.2	41.8	21.9	10.6	25.8	180E	96.0E	42.0B	11
12	9.45B	7.25B	5.81B	5.57B	80.3	40.5	21.4	9.77	25.0	180E	94.0E	40.0B	12
13	9.35B	7.20B	5.77B	5.65B	75.2	39.2	21.5	9.28	26.7	180E	91.0E	39.0B	13
14	9.25B	7.15B	5.74B	5.75B	73.9	39.1	20.7	9.03	31.0	178E	89.0E	38.0B	14
15	9.15B	7.10B	5.70B	5.86B	69.2	40.9	21.3	8.73	37.5	174E	87.0B	37.0B	15
16	9.05B	7.03B	5.65B	6.00B	67.2	47.1	20.8	8.72	42.4	173E	84.0B	36.0B	16
17	9.00B	6.98B	5.62B	6.20B	65.7	54.4	20.1	7.86	45.0	171E	82.0B	35.0B	17
18	8.85B	6.92B	5.58B	6.40B	65.7	59.8	21.0	7.72	46.9	168E	80.0B	34.0B	18
19	8.90B	6.88B	5.54B	6.85B	65.9	62.1	22.2	7.82	50.5	165E	77.0B	33.0B	19
20	8.80B	6.80B	5.50B	7.05B	65.8	64.1	22.0	7.50	50.3	163E	75.0B	32.0B	20
21	8.70B	6.78B	5.48B	7.85B	66.0	67.3	22.4	7.20	51.7	156E	73.0B	31.0B	21
22	8.60B	6.70B	5.42B	8.45B	65.9	66.7	23.1	7.24	112 E	155E	71.0B	30.0B	22
23	8.55B	6.65B	5.41B	9.45B	65.9	65.8	23.5	7.92	122 E	153E	70.0B	29.0B	23
24	8.50B	6.80B	5.40B	11.2 B	67.6	64.7	22.5	8.19	130 E	148E	68.0B	28.0B	24
25	8.40B	6.85B	5.40B	13.1 B	70.2	60.9	21.0	7.88	138 E	145E	66.0B	27.0B	25
26	8.34B	6.60B	5.39B	15.7	68.1	58.0	20.5	8.56	143 E	142E	64.0B	26.0B	26
27	8.23B	6.45B	5.39B	18.4	66.6	55.6	19.2	10.2	148 E	139E	62.0B	25.0B	27
28	8.20B	6.40B	5.38B	22.4	65.1	51.7	17.7	14.5	154 E	135E	60.0B	25.0B	28
29	8.15B	6.35B	5.37B	27.6	63.6	48.4	16.9	23.3	161 E	133E	59.0B	24.0B	29
30	8.08B		5.36B	35.6	62.6	44.9	15.1	32.7	185 E	130E	57.0B	23.0B	30
31	8.00B		5.35B		60.9		15.3	38.1		127E		22.0B	31
TOTAL	284.85	208.03	177.21	283.98	2 172.2	1 801.5	730.3	389.80	2 141.0	5 081	2 812.0	1 146.0	TOTAL
MEAN	9.18	7.10	5.72	9.47	70.1	53.4	23.6	12.6	71.4	164	87.1	37.0	MEAN
MAX	10.7	7.95	6.30	35.6	84.8	67.3	41.3	38.1	185	182	123	55.0	MAX
MIN	8.00	6.35	5.35	5.35	45.5	39.1	15.1	7.20	25.0	127	57.0	22.0	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 46.0
MAXIMUM DAILY, 182E ON OCT 8
MINIMUM DAILY, 5.35B ON MAR 31

SUMMARY FOR THE YEAR 1988

TYPE OF GAUGE - RECORDING
LOCATION - LAT 52 18 30 N
LONG 88 45 15 W
DRAINAGE AREA, 4 900 km²

B - ICE CONDITIONS
E - ESTIMATED
NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	24 800	JUL	83 100
FEB	17 800	AUG	33 700
MAR	19 300	SEP	185 000
APR	24 600	OCT	439 000
MAY	188 000	NOV	226 000
JUN	138 000	DEC	99 000

TOTAL DISCHARGE, 1 450 000 dam³

PINEWOOD RIVER NEAR PINEWOOD - STATION NO. 05PC011

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1988

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	---	---	0.002B	0.525B	0.255	1.24	0.818	0.027	0.321	0.765	---	---	1
2	---	---	0.002B	1.85 B	0.233	1.11	0.488	0.018	0.278	0.691	---	---	2
3	---	---	0.002B	3.43 B	0.222	0.900	0.388	0.011	0.268	0.735	---	---	3
4	---	---	0.002B	5.78 B	0.188	0.714	0.279	0.033	0.199	0.857	---	---	4
5	---	---	0.002B	7.45 B	0.175	0.526	0.225	0.047	0.158	0.397	---	---	5
6	---	---	0.002B	8.46 B	0.159	0.373	0.282	0.088	0.181	0.360	---	---	6
7	---	---	0.002B	9.39 B	0.145	0.295	0.748	0.098	0.167	0.323	---	---	7
8	---	---	0.002B	10.4 B	0.129	0.215	1.32	0.078	0.318	0.275	---	---	8
9	---	---	0.002B	11.4 B	0.117	0.170	1.24	0.048	0.382	0.231	---	---	9
10	---	---	0.002B	10.4 B	0.111	0.136	0.901	0.033	0.415	0.311	---	---	10
11	---	---	0.002B	7.52	0.115	0.101	0.688	0.028	0.544	0.320	---	---	11
12	---	---	0.002B	5.83	0.115	0.075	0.468	0.025	0.548	0.181	---	---	12
13	---	---	0.002B	4.85	0.117	0.082	0.452	0.027	0.880	0.175	---	---	13
14	---	---	0.002B	3.55	0.090	0.081	0.542	0.031	0.840	0.323	---	---	14
15	---	---	0.003B	2.53	0.071	0.118	0.715	0.130	0.788	0.282	---	---	15
16	---	---	0.004B	1.87	0.089	0.480	1.17	0.285	0.710	0.301	---	---	16
17	---	---	0.006B	1.38	0.082	0.585	1.10	0.817	0.840	0.381	---	---	17
18	---	---	0.007B	1.08	0.087	0.489	0.850	1.58	0.946	0.488	---	---	18
19	---	---	0.009B	0.880	0.078	0.394	0.684	1.84	2.83	0.505	---	---	19
20	---	---	0.014B	0.715	0.088	0.330	0.838	1.35	5.48	0.538	---	---	20
21	---	---	0.017B	0.591	0.087	0.310	0.818	1.08	5.58	0.817	---	---	21
22	---	---	0.021B	0.516	0.125	0.231	0.822	0.903	5.78	0.626	---	---	22
23	---	---	0.027B	0.448	0.125	0.176	0.487	0.844	5.48	0.755	---	---	23
24	---	---	0.032B	0.406	0.127	0.187	0.684	0.898	4.26	0.835	---	---	24
25	---	---	0.038B	0.370	0.115	0.186	0.534	0.948	3.15	0.879	---	---	25
26	---	---	0.052B	0.331	0.111	0.633	0.335	1.42	2.15	0.850	---	---	26
27	---	---	0.067B	0.311	0.101	0.347	0.204	0.845	1.78	0.850	---	---	27
28	---	---	0.088B	0.287	0.088	0.288	0.183	0.652	1.21	0.925	---	---	28
29	---	---	0.108B	0.277	0.885	0.637	0.104	0.477	0.958	0.805	---	---	29
30	---		0.145B	0.285	2.25	0.708	0.074	0.384	0.830	0.815	---	---	30
31	---		0.205B		1.72		0.042	0.345		0.745A		---	31
TOTAL	---	---	0.873	103.004	8.442	11.978	17.834	15.575	48.420	17.018	---	---	TOTAL
MEAN	---	---	0.028	3.43	0.272	0.399	0.579	0.502	1.61	0.549	---	---	MEAN
MAX	---	---	0.205	11.4	2.25	1.24	1.32	1.84	5.78	0.979	---	---	MAX
MIN	---	---	0.002	0.285	0.059	0.081	0.042	0.011	0.151	0.151	---	---	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 0.811
MAXIMUM DAILY, 11.48 ON APR 8
MINIMUM DAILY, 0.002B ON MAR 1

SUMMARY FOR THE MONTHS MAR TO OCT

TYPE OF GAUGE - RECORDING
LOCATION - LAT 48 45 10 N
LONG 94 14 00 W
DRAINAGE AREA, 481 km²
A - MANUAL GAUGE
B - ICE CONDITIONS

NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	---	JUL	1 550
FEB	---	AUG	1 380
MAR	75.4	SEP	4 180
APR	8 900	OCT	1 470
MAY	728	NOV	---
JUN	1 030	DEC	---

TOTAL DISCHARGE, 18 300 dam³

PIPESTONE RIVER ABOVE RAINY LAKE - STATION NO. 05PB015

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1988

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	0.852	0.424B	0.576B	1.55	3.80	1.98	1.87	0.888	9.62	9.88	2.78A	4.55	1
2	0.836B	0.424B	0.581B	1.88	3.88	1.73	1.46	0.887	8.73	8.33	2.73	4.30	2
3	0.808B	0.427B	0.589B	2.17	3.84	1.58	1.32	1.18	8.18	7.46	2.88	4.00	3
4	0.785B	0.427B	0.603B	2.59	3.83	1.50	1.20	1.01	7.42	6.78	2.71	3.87	4
5	0.752B	0.431B	0.612B	3.26	3.80	1.38	1.41	1.38	6.85	6.16	2.87	3.74	5
6	0.728B	0.438B	0.628B	4.79	3.36	1.23	1.50	1.88	6.01	5.57	2.57	3.82	6
7	0.688B	0.443B	0.645B	8.86	3.24	1.08	1.39	2.90	5.43	5.04	2.48	3.52	7
8	0.673B	0.443B	0.654B	8.23	3.45	1.03	1.40	4.37	4.88	4.81	2.43	3.48	8
9	0.650B	0.447B	0.688B	10.6	4.50	0.931	1.37	4.48	4.24	4.26	2.42	3.57	9
10	0.622B	0.447B	0.692B	10.7	5.84	0.809	1.30	4.41	3.73	3.98	2.40	4.11	10
11	0.603B	0.447B	0.698B	12.0	5.90	0.730	1.21	4.28	3.42	3.86	2.35	4.44	11
12	0.595B	0.451B	0.710B	12.5	6.41	0.648	1.14	4.03	3.06	3.40	2.38	3.88	12
13	0.580B	0.455B	0.729B	11.9	7.16	0.578	1.41	3.91	2.70	3.31	2.42	2.87	13
14	0.564B	0.459B	0.743B	11.2	7.33	0.748	1.41	3.88	2.41	3.28	2.41	2.87	14
15	0.548B	0.458B	0.758B	10.6	7.12	0.848	1.85	3.15	2.15	3.22	2.48	2.93	15
16	0.528B	0.474B	0.788B	9.87	6.81	0.943	2.11	7.08	2.05	3.18	2.98	2.75	16
17	0.517B	0.482B	0.808B	9.04	6.57	0.988	2.04	12.4	2.08	3.05	3.02	2.89	17
18	0.505B	0.488B	0.831B	8.19	6.22	0.950	1.88	12.2	2.05	2.89	3.84	2.87	18
19	0.490B	0.490B	0.847B	7.43	5.82	0.895	2.01	10.8	12.9	2.88E	4.17	2.85	19
20	0.482B	0.494B	0.884B	6.84	5.41	0.800	1.94	11.0	22.2	2.87E	4.27	2.89	20
21	0.474B	0.502B	0.826B	6.11	5.03	0.754	1.85	12.1	21.3	2.88E	4.38	3.48	21
22	0.463B	0.508B	0.963B	5.71	4.81	0.849	1.51	17.8	23.5	2.85E	4.43	3.43	22
23	0.451B	0.521B	1.00 B	5.30	4.50	1.04	1.31	20.4	26.2	2.84E	4.24	3.46	23
24	0.442B	0.525B	1.04 B	4.83	4.15	1.59	1.16	18.7	25.0	2.84E	4.24	3.42	24
25	0.438B	0.529B	1.09 B	4.88	3.84	2.11	0.998	16.6	23.1	2.83E	4.26	3.36	25
26	0.427B	0.545B	1.14 B	4.60	3.57	2.24	0.913	15.7	20.8	2.83E	4.27	3.61B	26
27	0.420B	0.558B	1.20 B	4.20	3.31	2.18	0.860	15.3	17.8	2.81E	4.31	3.41B	27
28	0.418B	0.584B	1.25 B	3.87	3.02	2.17	0.853	14.7	15.2	2.80E	4.34	3.34B	28
29	0.418B	0.588B	1.32 B	3.85	2.78	2.07	0.893	13.4	13.1	2.78E	4.61	3.40B	29
30	0.420B		1.39 B	4.14	2.53	1.88	0.813	12.1	11.3	2.78E	4.39	3.38B	30
31	0.420B		1.47 B		2.28		0.732	10.7		2.77E		3.32B	31
TOTAL	17.58B	13.87B	26.86B	200.80	143.55	38.312	43.010	287.83B	318.10	124.67	98.40	95.82	TOTAL
MEAN	0.58B	0.47B	0.86?	6.69	4.63	1.28	1.38	8.84	10.5	4.02	3.31	3.08	MEAN
MAX	0.85?	0.58B	1.47	12.5	7.33	2.24	2.11	20.4	26.2	9.88	4.61	4.55	MAX
MIN	0.41B	0.42A	0.57B	1.55	2.28	0.848	0.732	0.88B	2.05	2.77	2.35	2.32	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 3.78
MAXIMUM DAILY, 26.2 ON SEP 23
MINIMUM DAILY, 0.416B ON JAN 26
MAXIMUM INSTANTANEOUS,
26.4 AT 15:02 CST ON SEP 23

SUMMARY FOR THE YEAR 1988

TYPE OF GAUGE - RECORDING
LOCATION - LAT 48 34 07 N
LONG 92 31 27 W
DRAINAGE AREA, 443 km²
A - MANUAL GAUGE
B - ICE CONDITIONS
E - ESTIMATED
NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	1 520	JUL	3 720
FEB	1 200	AUG	23 100
MAR	2 320	SEP	27 300
APR	17 300	OCT	10 800
MAY	12 400	NOV	8 530
JUN	3 310	DEC	8 250

TOTAL DISCHARGE, 120 000 dam³

PIPESTONE RIVER AT KARL LAKE - STATION NO. 04DA001

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1988

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	12.5 B	7.30B	5.90B	5.75B	30.1	67.1	48.5	22.7	15.6	85.6	51.3	30.8B	1
2	12.2 B	7.20B	5.88B	5.85B	35.7	58.5	48.7	22.3	15.9	85.6	50.9	30.7B	2
3	11.9 B	7.11B	5.86B	5.80B	41.4	58.4	48.5	21.7	16.1	86.3	51.2	30.6B	3
4	11.7 B	7.02B	5.84B	6.00B	48.4	57.9	47.0	21.8	16.9	87.7	50.3	30.5B	4
5	11.5 B	6.95B	5.82B	6.10B	50.2	56.7	45.0	21.2	16.5	88.8	48.4	30.4B	5
6	11.3 B	6.85B	5.80B	6.25B	54.7	54.5	42.8	20.5	16.5	70.4	48.6	30.3B	6
7	11.1 B	6.80B	5.80B	6.45B	59.5	52.4	40.8	19.9	16.7	70.8	45.6	30.2B	7
8	10.8 B	6.75B	5.78B	6.80B	58.4	51.4	38.7	19.7	16.3	70.3	45.1	30.0B	8
9	10.6 B	6.85B	5.78B	6.85B	74.1	50.3	38.3	18.2	16.8	70.1	44.7	29.5B	9
10	10.4 B	6.60B	5.78B	7.05B	77.8	48.3	37.8	17.3	17.5	88.6	43.5	28.7B	10
11	10.2 B	6.55B	5.78B	7.30B	81.1	58.8	35.8	16.8	18.3	88.0	42.2	28.1B	11
12	10.1 B	6.50B	5.75B	7.55B	83.3	54.5	33.8	16.1	18.8	88.1	41.4	27.6B	12
13	9.90B	6.45B	5.74B	7.90B	83.8	51.8	32.8	14.8	20.0	88.7	41.1	27.0B	13
14	9.70B	6.40B	5.72B	8.20B	84.7	50.4	32.2	14.4	21.8	88.0	39.9	26.7B	14
15	9.55B	6.35B	5.72B	8.50B	84.0	50.5	31.0	13.5	23.0	84.1	39.2	26.3B	15
16	9.35B	6.30B	5.70B	8.90B	79.8	48.8	30.8	13.3	23.7	83.0	39.6	25.8B	16
17	9.25B	6.25B	5.70B	9.25B	78.7	49.4	31.1	13.0	24.8	83.0	38.1B	25.2B	17
18	9.05B	6.20B	5.69B	9.70B	77.5	48.8	31.4	12.8	25.4	82.0	37.7B	25.0B	18
19	8.90B	6.18B	5.68B	10.1 B	75.1	48.2	31.0	12.4	27.8	81.0	37.0B	24.7B	19
20	8.75B	6.12B	5.67B	10.7 B	74.2	50.3	30.0	12.2	34.2	80.4	36.7B	24.4B	20
21	8.60B	6.08B	5.68B	11.2 B	74.2	50.8	29.4	11.8	38.6	89.1	36.4B	24.0B	21
22	8.50B	6.04B	5.68B	11.8 B	74.0	50.4	28.7	11.1	43.4	86.9	36.3B	23.7B	22
23	8.35B	6.02B	5.65B	12.6 B	74.1	49.5	27.8	11.0	46.5	88.2	36.2B	23.3B	23
24	8.20B	6.00B	5.65B	13.3 B	73.7	49.3	27.3	11.3	50.4	87.0	36.1B	23.1B	24
25	8.05B	6.00B	5.64B	14.3 B	72.4	49.4	26.9	12.0	53.1	86.7	35.8B	22.9B	25
26	7.95B	5.98B	5.64B	15.3 B	72.1	49.8	25.9	12.9	54.7	86.8	34.2B	22.7B	26
27	7.85B	5.96B	5.64B	16.7	71.2	50.4	25.6	14.0	57.3	86.0	33.3B	22.6B	27
28	7.75B	5.94B	5.65B	18.5	68.1	50.6	24.9	15.2	56.8	83.6	32.1B	22.3B	28
29	7.60B	5.92B	5.68B	21.4	66.4	49.3	24.6	16.3	61.3	47.6	31.3B	22.0B	29
30	7.50B		5.68B	25.3	66.4	48.8	23.7	16.0	63.6	49.6	30.8B	21.7B	30
31	7.40B		5.70B		66.7		23.1	15.7		51.3		21.6B	31
TOTAL	295.50	188.45	177.56	311.40	2 117.7	1 654.2	1 045.8	488.7	930.9	1 933.4	1 213.3	812.3	TOTAL
MEAN	9.53	6.43	5.73	10.4	68.3	55.1	33.7	15.8	31.0	62.4	40.4	26.2	MEAN
MAX	12.5	7.30	5.90	25.3	84.7	68.5	48.7	22.7	63.6	70.8	51.3	30.8	MAX
MIN	7.40	5.92	5.64	5.75	30.1	48.2	23.1	11.0	15.6	47.6	30.9	21.6	MIN

SUMMARY FOR THE YEAR 1988

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 30.5
MAXIMUM DAILY, 84.7 ON MAY 14
MINIMUM DAILY, 5.64B ON MAR 26
MAXIMUM INSTANTANEOUS,
85.8 AT 19:21 EST ON MAY 14

TYPE OF GAUGE - RECORDING
LOCATION - LAT 52 34 50 N
LONG 90 11 20 W
DRAINAGE AREA, 5 980 km²

B - ICE CONDITIONS

NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	25 500	JUL	90 400
FEB	16 100	AUG	42 200
MAR	15 300	SEP	80 400
APR	26 900	OCT	187 000
MAY	183 000	NOV	105 000
JUN	143 000	DEC	70 200

TOTAL DISCHARGE, 965 000 dam³

PORCUPINE RIVER AT HOYLE - STATION NO. 04MD004

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1988

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	1.62B	1.28B	1.20B	1.98B	59.4	6.89	2.88	0.544E	6.86	7.43	6.59	12.5 B	1
2	1.76B	1.28B	1.20B	2.03B	80.4	5.91	1.39 E	0.574E	6.72	7.63	8.30	11.4	2
3	1.70B	1.28B	1.20B	2.20B	57.8	5.18	1.20 E	0.934E	6.98	7.21	6.68	10.2	3
4	1.64B	1.28B	1.20B	2.70B	53.2	4.46	2.09 E	1.10 E	6.83	6.58	6.03	8.40	4
5	1.58B	1.28B	1.19B	3.20B	47.8	3.84	2.20 E	2.07 E	8.05	6.84	9.47	7.34	5
6	1.54B	1.28B	1.18B	4.60B	42.1	3.20	1.74 E	4.23 E	8.39	6.42	19.3	6.82	6
7	1.50B	1.28B	1.17B	6.20B	36.1	2.68	1.43 E	4.42 E	7.80	5.07	24.5	5.94	7
8	1.48B	1.28B	1.17B	6.60B	30.6	2.51	1.11 E	3.89 E	6.63	4.71	24.1	5.35	8
9	1.43B	1.28B	1.17B	10.5 B	26.5	2.10	0.983E	3.01 E	5.86	4.36	21.5	4.78	9
10	1.41B	1.27B	1.17B	12.6 B	23.5	1.88	0.899E	2.55 E	5.14	4.85	19.1	4.09	10
11	1.40B	1.27B	1.18B	14.7 B	20.7	1.70	0.885E	2.31 E	4.48	7.12	17.5	3.52	11
12	1.38B	1.27B	1.19B	16.7 B	17.8	1.50	0.810E	2.09 E	4.08	8.64	16.1	3.08	12
13	1.38B	1.27B	1.19B	18.2 B	20.8	1.35	0.817E	2.55 E	4.28	8.87	13.3	2.79	13
14	1.37B	1.27B	1.18B	19.2 B	23.8	1.31	0.772E	5.08 E	4.32	8.21	12.4	2.85	14
15	1.36B	1.27B	1.17B	19.8 B	22.5	1.48	0.779E	27.5 E	3.85	7.70	12.3	2.80B	15
16	1.35B	1.26B	1.16B	19.7 B	20.7	1.53	0.924E	28.5 E	3.59	7.13	15.1	2.54	16
17	1.34B	1.26B	1.15B	19.1 B	17.8	1.39	0.974E	24.3 E	3.38	6.78	21.4	2.45	17
18	1.33B	1.26B	1.14B	16.2 B	15.0	1.25	1.07 E	18.7 E	3.24	6.82	21.1	2.40	18
19	1.33B	1.26B	1.15B	17.7 B	12.6	1.19	1.05 E	13.3 E	3.08	7.27	15.7	2.33	19
20	1.32B	1.26B	1.15B	17.0 B	10.7	1.19	0.991E	11.0	3.05	7.07	14.7	2.32	20
21	1.32B	1.24B	1.18B	15.6 B	9.04	1.13	0.941E	8.19	3.19	6.87	13.6	2.38B	21
22	1.31B	1.24B	1.21B	13.6 B	8.76	1.07	0.941E	6.52	3.22	6.55	10.7	2.36	22
23	1.31B	1.24B	1.28B	17.4 B	7.82	1.08	0.882E	5.45	4.48	6.63	9.81	2.33	23
24	1.31B	1.23B	1.30B	18.7 B	8.85	1.08	0.802E	4.90	8.35	8.27	8.65	2.25	24
25	1.30B	1.23B	1.35B	20.0 B	8.21	2.05	0.768E	4.59	8.29	8.87	7.81	3.04	25
26	1.30B	1.23B	1.48B	22.4 B	5.81	4.21	0.772E	8.00	5.82	8.80	7.47	2.02	26
27	1.29B	1.23B	1.68B	26.5 B	5.07	4.19	0.718E	7.14	7.07	5.68	14.0	2.00B	27
28	1.29B	1.21B	1.70B	34.0 B	7.21	3.58	0.761E	8.48	10.3	8.27	15.0 B	1.98B	28
29	1.29B	1.20B	1.74B	41.4	8.14	3.14	0.880E	9.00	8.77	7.44	15.3 B	1.90B	29
30	1.29B		1.80B	53.0	8.23	2.89	0.827E	8.37	7.67	7.23	14.7 B	1.83B	30
31	1.29B		1.87B		7.88		0.582E	7.83		8.87		1.80B	31
TOTAL	43.71	36.44	40.08	501.78	700.72	77.16	33.209	238.142	169.67	205.38	417.61	128.07	TOTAL
MEAN	1.41	1.28	1.29	16.7	22.6	2.57	1.07	7.82	5.66	6.63	13.9	4.07	MEAN
MAX	1.82	1.28	1.87	53.0	80.4	6.89	2.88	28.5	10.3	8.87	24.5	12.5	MAX
MIN	1.29	1.20	1.14	1.98	5.07	1.08	0.582	0.544	3.05	4.36	5.68	1.80	MIN

SUMMARY FOR THE YEAR 1988

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 7.07
MAXIMUM DAILY, 80.4 ON MAY 2
MINIMUM DAILY, 0.544E ON AUG 1
MAXIMUM INSTANTANEOUS,
82.5 AT 01:37 EST ON MAY 2

TYPE OF GAUGE - RECORDING
LOCATION - LAT 48 33 22 N
LONG 81 03 25 W
DRAINAGE AREA, 401 km²

B - ICE CONDITIONS
E - ESTIMATED
NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	3 780	JUL	2 870
FEB	3 150	AUG	20 400
MAR	3 480	SEP	14 700
APR	43 400	OCT	17 700
MAY	60 500	NOV	38 100
JUN	6 870	DEC	10 900

TOTAL DISCHARGE, 224 000 dam³

REMARKS - THE FLOW IS CONTINUOUSLY AFFECTED BY BEAVER ACTIVITY AND A CONTROL DAM AT TAILINGS (MINE) DUMP SITE

RAINY LAKE AT NORTHWEST BAY - STATION NO. 05PB023

DAILY WATER LEVEL IN METRES FOR 1988

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	---	---	---	---	---	28.955E	28.890	27.043	27.483	27.548	27.398	27.395	1
2	---	---	---	---	---	28.882A	28.882	27.057	27.488	27.536	27.423	27.389	2
3	---	---	---	---	---	28.950	28.891	27.050	27.457	27.495	27.402	27.371	3
4	---	---	---	---	---	28.932	28.895	27.041	27.455	27.503	27.406	27.365	4
5	---	---	---	---	---	28.930	27.015	27.038	27.451	27.500	27.371	27.356	5
6	---	---	---	---	---	28.921	27.013	27.059	27.454	27.478	27.388	27.338	6
7	---	---	---	---	---	28.918	27.005	27.075	27.474	27.483	27.396	27.320	7
8	---	---	---	---	---	28.960	27.000	27.059	27.438	27.483	27.382	27.304	8
9	---	---	---	---	---	28.908	28.987	27.084	27.400	27.482	27.378	27.294	9
10	---	---	---	---	---	28.884	28.971	27.075	27.435	27.411	27.365	27.284	10
11	---	---	---	---	---	28.901	28.980	27.071	27.479	27.428	27.378	27.282	11
12	---	---	---	---	---	28.896	28.987	27.080	27.443	27.485	27.398	27.284	12
13	---	---	---	---	---	28.908	27.003	27.077	27.438	27.481	27.372	27.277	13
14	---	---	---	---	---	28.912	28.988	27.077	27.453	27.453	27.368	27.267	14
15	---	---	---	---	---	28.905	27.038	27.104	27.473	27.448	27.397	27.249	15
16	---	---	---	---	---	28.948	27.027	27.121	27.492	27.413	27.365	27.245	16
17	---	---	---	---	---	28.955	27.032	27.173	27.473	27.418	27.383	27.236	17
18	---	---	---	---	---	28.949	27.028	27.205	27.478	27.424	27.421	27.235	18
19	---	---	---	---	---	28.921	27.035	27.233	27.521	27.412	27.429	27.228	19
20	---	---	---	---	---	28.928	27.039	27.312	27.531	27.426	27.434	27.217	20
21	---	---	---	---	---	28.944	27.038	27.363	27.581	27.383	27.456	27.220	21
22	---	---	---	---	---	28.938	27.045	27.374	27.585	27.417	27.482	27.223	22
23	---	---	---	---	---	28.978	27.051	27.384	27.569	27.378	27.470	27.214	23
24	---	---	---	---	---	28.985	27.028	27.411	27.602	27.348	27.477	27.204	24
25	---	---	---	---	---	28.935	27.038	27.426	27.588	27.334	27.485	27.203	25
26	---	---	---	---	---	28.970	27.048	27.467	27.623	27.364	27.464	27.212	26
27	---	---	---	---	---	28.987	27.048	27.443	27.604	27.385	27.408	27.218	27
28	---	---	---	---	---	27.028	27.042	27.445	27.634	27.331	27.419	27.213	28
29	---	---	---	---	---	27.014	27.031	27.474	27.602	27.387	27.415	27.216	29
30	---		---	---	---	28.987	27.018	27.500	27.578	27.404	27.398	27.209	30
31	---		---		---		27.041	27.508		27.400		27.207	31
MEAN	---	---	---	---	---	28.944	27.018	27.220	27.508	27.428	27.408	27.267	MEAN
MAX	---	---	---	---	---	27.028	27.051	27.508	27.634	27.548	27.477	27.395	MAX
MIN	---	---	---	---	---	28.884	28.971	27.038	27.400	27.331	27.365	27.203	MIN

WATER LEVELS IN METRES

MAXIMUM DAILY, 27.834 ON SEP 28

MAXIMUM INSTANTANEOUS,
27.848 AT 15:34 CST ON SEP 28

WATER LEVELS ARE REFERRED TO ASSUMED DATUM

SUMMARY FOR THE YEAR 1988

TYPE OF GAUGE - RECORDING
LOCATION - LAT 48 50 30 N
LONG 93 37 12 W

A - MANUAL GAUGE

E - ESTIMATED

REGULATED SINCE 1909

RAINY LAKE AT STOKES BAY - STATION NO. 05PB025

DAILY WATER LEVEL IN METRES FOR 1988

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	---	---	---	---	---	28.208A	28.276	28.315	28.802	28.885	28.685	28.688	1
2	---	---	---	---	---	28.182	28.285	28.322	28.810	28.895	28.694	28.686	2
3	---	---	---	---	---	28.185	28.278	28.335	28.805	28.877	28.682	28.676	3
4	---	---	---	---	---	28.209	28.278	28.338	28.788	28.818	28.683	28.647	4
5	---	---	---	---	---	28.213	28.286	28.367	28.784	28.780	28.695	28.637	5
6	---	---	---	---	---	28.211	28.284	28.341	28.788	28.788	28.689	28.637	6
7	---	---	---	---	---	28.188	28.310	28.348	28.743	28.786	28.687	28.633	7
8	---	---	---	---	---	28.148	28.309	28.370	28.778	28.746	28.680	28.614	8
9	---	---	---	---	---	28.188	28.303	28.383	28.808	28.782	28.650	28.606	9
10	---	---	---	---	---	28.193	28.328	28.383	28.782	28.775	28.698	28.589	10
11	---	---	---	---	---	28.184	28.298	28.383	28.721	28.749	28.638	28.584	11
12	---	---	---	---	---	28.188	28.270	28.354	28.787	28.722	28.632	28.583	12
13	---	---	---	---	---	28.185	28.312	28.388	28.783	28.712	28.682	28.580	13
14	---	---	---	---	---	28.208	28.310	28.411	28.772	28.718	28.674	28.559	14
15	---	---	---	---	---	28.239	28.318	28.382	28.749	28.719	28.639	28.536	15
16	---	---	---	---	---	28.217	28.348	28.405	28.741	28.782	28.788	28.528	16
17	---	---	---	---	---	28.208	28.344	28.456	28.788	28.732	28.782	28.525	17
18	---	---	---	---	---	28.218	28.342	28.500	28.784	28.711	28.702	28.517	18
19	---	---	---	---	---	28.238	28.338	28.545	28.880	28.708	28.728	28.515	19
20	---	---	---	---	---	28.235	28.334	28.580	28.805	28.675	28.730	28.513	20
21	---	---	---	---	---	28.228	28.338	28.584	28.879	28.700	28.718	28.500	21
22	---	---	---	---	---	28.280	28.330	28.688	28.902	28.648	28.718	28.488	22
23	---	---	---	---	---	28.217	28.325	28.758	28.832	28.695	28.722	28.508	23
24	---	---	---	---	---	28.240	28.356	28.815	28.903	28.710	28.723	28.501	24
25	---	---	---	---	---	28.319	28.338	28.834	28.918	28.718	28.748	28.500	25
26	---	---	---	---	---	28.288	28.324	28.806	28.893	28.692	28.725	28.498	26
27	---	---	---	---	---	28.261	28.319	28.843	28.911	28.685	28.782	28.519	27
28	---	---	---	---	---	28.235	28.320	28.838	28.884	28.752	28.712	28.514	28
29	---	---	---	---	---	28.254	28.333	28.813	28.884	28.701	28.698	28.488	29
30	---		---	---	---	28.289	28.338	28.785	28.879	28.656	28.701	28.502	30
31	---		---		---		28.310	28.776		28.671		28.498	31
MEAN	---	---	---	---	---	28.221	28.315	28.527	28.822	28.737	28.693	28.585	MEAN
MAX	---	---	---	---	---	28.319	28.356	28.843	28.932	28.885	28.786	28.575	MAX
MIN	---	---	---	---	---	28.148	28.266	28.315	28.721	28.648	28.632	28.498	MIN

WATER LEVELS IN METRES

MAXIMUM DAILY, 28.932 ON SEP 23

MAXIMUM INSTANTANEOUS,
28.948 AT 16:35 CST ON SEP 23

WATER LEVELS ARE REFERRED TO ASSUMED DATUM

SUMMARY FOR THE YEAR 1988

TYPE OF GAUGE - RECORDING
LOCATION - LAT 48 32 10 N
LONG 92 33 40 W

A - MANUAL GAUGE

REGULATED SINCE 1909

RAINY LAKE NEAR BEAR PASS - STATION NO. 05PB024

DAILY WATER LEVEL IN METRES FOR 1988

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	---	---	---	---	---	28.180	28.236	28.276	28.759	28.635	28.638E	28.648A	1
2	---	---	---	---	---	28.176	28.238	28.290	28.754	28.616	28.645	28.636	2
3	---	---	---	---	---	28.174	28.237	28.298	28.748	28.785	28.658	28.626	3
4	---	---	---	---	---	28.180	28.235	28.301	28.735	28.781A	28.652	28.613	4
5	---	---	---	---	---	28.177	28.241	28.309	28.729	28.757A	28.657	28.606	5
6	---	---	---	---	---	28.173	28.248	28.314	28.715	28.740	28.662	28.591	6
7	---	---	---	---	---	28.168	28.261	28.320	28.711	28.726	28.652	28.577	7
8	---	---	---	---	---	28.148	28.253	28.328	28.715	28.719	28.648	28.571A	8
9	---	---	---	---	---	28.154	28.250	28.325	28.711	28.718	28.641	28.582A	9
10	---	---	---	---	---	28.158	28.245	28.328	28.702	28.713	28.640	28.569A	10
11	---	---	---	---	---	28.152	28.238	28.325	28.693	28.703	28.637	28.519A	11
12	---	---	---	---	---	28.150	28.232	28.323	28.713	28.698A	28.634	28.500	12
13	---	---	---	---	---	28.158	28.255	28.326	28.717	28.697	28.643	28.502	13
14	---	---	---	---	---	28.167	28.257	28.351	28.718	28.695	28.640	28.494A	14
15	---	---	---	---	---	28.177	28.283	28.354	28.708	28.691	28.639	28.483A	15
16	---	---	---	---	---	28.189	28.291	28.370	28.713	28.690	28.662	28.475A	16
17	---	---	---	---	---	28.185	28.292	28.422	28.724	28.682	28.696	28.470A	17
18	---	---	---	---	---	28.188	28.291	28.480	28.724	28.670A	28.690	28.481	18
19	---	---	---	---	---	28.192	28.290	28.502	28.800	28.688	28.701	28.487	19
20	---	---	---	---	---	28.188	28.288	28.549	28.830	28.683	28.708	28.483	20
21	---	---	---	---	---	28.190	28.291	28.574	28.835	28.645A	28.712	28.468	21
22	---	---	---	---	---	28.215	28.290	28.629	28.852	28.638A	28.715	28.441	22
23	---	---	---	---	---	28.200	28.292	28.687	28.884	28.636	28.721	28.448	23
24	---	---	---	---	---	28.215	28.295	28.722	28.895	28.640A	28.724	28.444A	24
25	---	---	---	---	---	28.224	28.290	28.744	28.871	28.637A	28.723	28.442A	25
26	---	---	---	---	---	28.226	28.287	28.747	28.882	28.635A	28.704	28.448A	26
27	---	---	---	---	---	28.222	28.284	28.753	28.884	28.631A	28.703	28.448	27
28	---	---	---	---	---	28.227	28.284	28.759	28.849	28.629E	28.690	28.458A	28
29	---	---	---	---	---	28.232	28.281	28.758	28.851	28.628E	28.681	28.458A	29
30	---		---	---	---	28.235	28.277	28.755	28.846	28.630E	28.668A	28.448A	30
31	---		---	---	28.178A		28.278	28.751		28.632E		28.444A	31
MEAN	---	---	---	---	---	28.187	28.268	28.482	28.773	28.691	28.673	28.507	MEAN
MAX	---	---	---	---	---	28.235	28.295	28.759	28.871	28.835	28.724	28.648	MAX
MIN	---	---	---	---	---	28.148	28.232	28.276	28.693	28.628	28.634	28.441	MIN

SUMMARY FOR THE YEAR 1988

WATER LEVELS IN METRES

MAXIMUM DAILY, 28.871 ON SEP 25

MAXIMUM INSTANTANEOUS,
28.879 AT 10:25 CST ON SEP 25

WATER LEVELS ARE REFERRED TO ASSUMED DATUM

TYPE OF GAUGE - RECORDING
LOCATION - LAT 48 41 30 N
LONG 93 57 40 W

A - MANUAL GAUGE

E - ESTIMATED

REGULATED SINCE 1909

RAINY LAKE NEAR FORT FRANCES - STATION NO. 05PB007

DAILY WATER LEVEL IN METRES FOR 1988

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	337.294E	337.074	336.945	336.892	337.032	337.148	337.208	337.261	337.718	337.788	337.622	337.518	1
2	337.287E	337.068	336.940	336.898	337.032	337.157	337.203	337.282	337.712	337.770	337.621	337.510	2
3	337.281E	337.059	336.937	336.908	337.031	337.157	337.202	337.277	337.708	337.771	337.621	337.497	3
4	337.276E	337.055	336.928	336.915	337.029	337.149	337.204	337.278	337.703	337.744	337.631	337.489	4
5	337.269E	337.052	336.925	336.918	337.028	337.145	337.218	337.282	337.689	337.730	337.632	337.504	5
6	337.264E	337.049	336.918	336.916	337.038	337.137	337.224	337.291	337.681	337.711	337.611	337.561	6
7	337.259A	337.043	336.917	336.920	337.044	337.131	337.222	337.298	337.678	337.692	337.615	337.546	7
8	337.253A	337.038	336.915	336.930	337.050	337.152	337.218	337.302	337.674	337.691	337.604	337.533	8
9	337.254	337.029	336.912	336.933	337.052	337.130	337.221	337.287	337.664	337.687	337.602	337.525	9
10	337.249	337.026	336.910	336.940	337.053	337.117	337.210	337.284	337.661	337.677	337.583	337.518	10
11	337.234	337.026	336.917	336.947	337.050	337.111	337.208	337.301	337.682	337.671	337.588	337.510	11
12	337.232	337.025	336.910	336.958	337.074	337.112	337.212	337.302	337.686	337.674	337.603	337.507	12
13	337.233	337.016	336.904	336.958	337.051	337.124	337.232	337.311	337.675	337.672	337.597	337.499	13
14	337.219	337.010	336.897	336.961	337.076	337.137	337.220	337.320	337.677	337.670	337.588	337.491	14
15	337.204	337.007	336.891	336.965	337.086	337.140	337.265	337.329	337.684	337.666	337.614	337.481	15
16	337.193	337.006	336.887	336.978	337.086	337.162	337.257	337.362	337.686	337.656	337.630	337.476	16
17	337.184	337.002	336.885	336.980	337.092	337.156	337.261	337.403	337.693	337.653	337.613	337.469	17
18	337.178	336.997	336.881	336.982	337.099	337.152	337.260	337.430	337.698	337.652	337.646	337.465	18
19	337.185	336.993	336.881	336.987	337.101	337.153	337.256	337.465	337.782	337.643	337.661	337.458	19
20	337.154	336.988	336.881	336.990	337.101	337.147	337.250	337.524	337.774	337.638	337.664	337.449	20
21	337.147	336.987	336.884	336.985	337.108	337.159	337.253	337.557	337.801	337.628	337.672	337.447	21
22	337.140	336.980	336.883	337.001	337.114	337.178	337.265	337.597	337.814	337.619	337.678	337.445	22
23	337.133	336.976	336.880	337.004	337.118	337.176	337.263	337.634	337.807	337.630	337.685	337.437	23
24	337.128	336.969	336.887	337.009	337.122	337.200	337.266	337.659	337.823	337.607	337.683	337.435	24
25	337.119	336.967	336.893	337.009	337.117	337.191	337.261	337.667	337.831	337.599	337.674	337.438	25
26	337.112	336.961	336.892	337.013	337.122	337.191	337.262	337.697	337.843	337.596	337.676	337.447	26
27	337.106	336.956	336.892	337.015	337.125	337.196	337.264	337.699	337.835	337.632	337.667	337.452	27
28	337.103	336.951	336.892	337.019	337.129	337.233	337.266	337.702	337.841	337.603	337.649	337.448	28
29	337.095	336.947	336.889	337.024	337.137	337.223	337.260	337.715	337.827	337.606	337.642	337.450	29
30	337.087		336.887	337.028	337.143	337.214	337.249	337.721	337.801	337.619	337.627	337.448	30
31	337.080		336.888		337.145		337.257	337.722		337.627		337.442	31
MEAN	337.191	337.008	336.902	336.955	337.084	337.158	337.240	337.451	337.738	337.665	337.634	337.497	MEAN
MAX	337.294	337.074	336.945	337.028	337.145	337.233	337.266	337.722	337.843	337.787	337.893	337.618	MAX
MIN	337.080	336.947	336.880	336.892	337.028	337.111	337.202	337.261	337.664	337.598	337.589	337.435	MIN

SUMMARY FOR THE YEAR 1988

WATER LEVELS IN METRES

MEAN, 337.285
MAXIMUM DAILY, 337.843 ON SEP 28
MINIMUM DAILY, 336.880 ON MAR 23
MAXIMUM INSTANTANEOUS,
337.853 AT 07:11 CST ON SEP 26

WATER LEVELS ARE REFERRED TO UNITED STATES COAST AND GEODETIC SURVEY DATUM

INTERNATIONAL GAUGING STATION
TYPE OF GAUGE - RECORDING
LOCATION - LAT 48 38 30 N
LONG 93 20 00 W

A - MANUAL GAUGE

E - ESTIMATED

REGULATED SINCE 1909

RAINY RIVER AT FORT FRANCES - STATION NO. 05PC019

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1988

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	51.1	177	131	98.9	98.4	101	83.2	81.2	818	876	248	425	1
2	127	172	118	102	100	102	85.2	80.3	814	872	230	397	2
3	188	166	152	111	100	101	84.7	81.5	813	870	206	426	3
4	185	156	148	97.4	105	101	84.7	78.9	814	871	213	424	4
5	180	167	140	137	102	101	78.8	80.1	814	851	213	423	5
6	184	155	138	134	100	99.6	74.8	80.0	782	738	213	423	6
7	167	156	142	134	99.5	100	73.5	80.4	878	854	231	425	7
8	167	157	138	141	98.6	101	75.0	79.9	848	528	238	422	8
9	167	153	131	140	102	101	78.2	79.5	841	528	238	401	9
10	167	151	139	138	101	99.5	76.8	79.2	850	490	227	387	10
11	178	134	138	140	104	99.5	78.8	104	850	428	212	370	11
12	188	141	137	128	102	99.6	74.8	78.8	847	430	208	389	12
13	175	140	139	138	101	100	75.0	79.2	847	425	207	387	13
14	175	140	137	118	99.4	99.8	74.3	78.5	848	433	211	389	14
15	174	140	136	124	98.3	98.8	74.8	74.1	850	427	182	388	15
16	173	135	125	124	102	99.5	75.0	70.7	850	428	247	386	16
17	174	142	140	128	100	101	75.0	86.3	851	428	270	387	17
18	173	143	134	130	102	100	74.8	100	848	427	268	388	18
19	187	142	141	125	102	100	74.2	89.0	728	427	288	345	19
20	178	140	139	115	105	101	74.8	170	831	426	289	317	20
21	170	141	138	110	103	99.5	72.8	238	881	381	288	317	21
22	171	141	119	112	104	98.3	77.6	241	875	320	286	318	22
23	170	138	128	111	103	101	81.2	318	878	322	288	315	23
24	170	139	142	111	102	99.5	82.1	428	886	282	332	301	24
25	171	140	137	108	103	101	81.7	580	890	287	427	219	25
26	170	140	140	100	102	102	82.0	722	891	248	428	259	26
27	182	140	140	95.2	99.5	94.5	81.5	725	892	246	423	282	27
28	177	139	136	96.1	101	90.0	80.5	728	891	245	424	280	28
29	173	141	136	96.5	100	85.3	80.4	752	886	247	425	301	29
30	173		108	95.7	103	85.1	80.5	788	883	251	424	313	30
31	172		97.3		99.5		79.2	812		247		299	31
TOTAL	5 313.1	4 248	4 182.3	3 535.5	3 143.5	2 983.0	2 421.5	8 084.4	23 051	14 521	8 282	10 984	TOTAL
MEAN	171	146	134	118	101	99.5	78.1	261	768	472	275	354	MEAN
MAX	188	177	152	141	105	102	85.2	812	892	878	427	425	MAX
MIN	51.1	124	97.3	95.2	98.3	85.1	72.8	70.7	841	245	182	219	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 248
MAXIMUM DAILY, 892 ON SEP 27
MINIMUM DAILY, 51.1 ON JAN 1

SUMMARY FOR THE YEAR 1988

TYPE OF GAUGE - POWER PLANT
LOCATION - LAT 48 38 30 N
LONG 93 24 00 W
DRAINAGE AREA, 38 800 km²

REGULATED SINCE 1909

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	459 000	JUL	209 000
FEB	387 000	AUG	698 000
MAR	380 000	SEP	1 990 000
APR	305 000	OCT	1 280 000
MAY	272 000	NOV	714 000
JUN	258 000	DEC	947 000

TOTAL DISCHARGE, 7 840 000 dam³

RAINY RIVER AT MANITOU RAPIDS - STATION NO. 05PC018

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1988

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	1848	1988	1588	128	184	147	120	95.8	881	932	314	5108	1
2	1138	1988	1478	125	184	145	118	98.8	852	923	314	5108	2
3	1588	1988	1428	140	185	142	118	98.0	850	908	306	4988	3
4	2128	1848	1878	155	187	141	114	96.0	852	898	292	4868	4
5	2128	1708	1618	180	173	141	113	99.7	852	883	288	4908	5
6	2128	1708	1588	234	170	140	107	105	838	841	283	4878	6
7	2128	1708	1588	274	165	139	102	110	782	801	281	4818	7
8	2128	1708	1588	320	164	138	100	112	733	882	294	4818	8
9	2128	1708	1588	354	164	133	99.1	113	716	834	303	4788	9
10	2128	1708	1588	388	172	132	98.0	121	711	817	308	4678	10
11	2128	1708	1588	411	181	131	98.0	146	708	858	300	4388	11
12	2128	1428	1588	467	189	131	97.1	178	705	821	288	4288	12
13	2128	1508	1588	478	198	135	97.4	187	702	810	283	4288	13
14	2128	1588	1588	413	202	134	97.4	158	887	804	282	4288	14
15	2128	1588	1588	343	201	138	98.0	148	887	801	278	4288	15
16	2128	1588	1588	314	200	140	98.5	181	887	498	235	4258	16
17	2128	1588	1588	284	197	142	98.5	205	887	495	285	4198	17
18	2128	1588	1588	286	190	144	97.7	245	887	488	320	4198	18
19	2128	1588	1588	271	185	142	96.8	271	742	496	328	4198	19
20	2128	1588	1588	267	181	141	95.7	277	888	498	334	3888	20
21	2078	1588	1588	234	178	138	95.7	328	1 070	490	343	3888	21
22	1888	1588	1588	222	175	138	94.0	371	1 210	433	345	3888	22
23	1888	1588	1448	214	170	135	96.3	388	1 240	402	348	3888	23
24	1888	1588	1478	207	168	133	99.4	852	1 180	388	381	3628	24
25	1888	1588	1588	188	166	133	101	702	1 100	388	453	3848	25
26	1888	1588	1588	195	161	134	100	872	1 080	384	498	2838	26
27	1888	1588	1588	182	157	131	100	812	1 010	334	504	3118	27
28	1888	1588	1588	172	154	130	99.1	895	988	328	524	3348	28
29	1888	1588	1588	168	152	127	96.8	872	988	323	524	3348	29
30	1888		1588	167	151	122	96.3	878	948	317	5188	3408	30
31	1888		142		148		96.8	884		309		3488	31
TOTAL	5 244	4 758	4 784	7 788	5 373	4 081	3 137.4	10 827.0	28 012	17 251	10 314	12 881	TOTAL
MEAN	201	184	158	280	173	136	101	343	887	556	344	418	MEAN
MAX	212	198	187	478	202	147	120	912	1 240	832	524	510	MAX
MIN	113	142	142	128	148	122	94.0	96.8	887	308	235	282	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 309
MAXIMUM DAILY, 1 240 ON SEP 23
MINIMUM DAILY, 94.0 ON JUL 22
MAXIMUM INSTANTANEOUS,
1 250 AT 03:00 EST ON SEP 23

SUMMARY FOR THE YEAR 1988

INTERNATIONAL GAUGING STATION
TYPE OF GAUGE - RECORDING
LOCATION - LAT 48 38 04 N
LONG 93 54 47 W
DRAINAGE AREA, 50 200 km²

B - ICE CONDITIONS

REGULATED

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	839 000	JUL	271 000
FEB	411 000	AUG	818 000
MAR	414 000	SEP	2 250 000
APR	874 000	OCT	1 480 000
MAY	484 000	NOV	891 000
JUN	353 000	DEC	1 110 000

TOTAL DISCHARGE, 9 780 000 dam³

RAISIN RIVER AT BLACK RIVER - STATION NO. 02MC027

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1988

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	---	---	---	4.52	5.74	---	---	---	---	---	---	---	1
2	---	---	---	3.77	3.55	---	---	---	---	---	---	---	2
3	---	---	---	3.74	2.25	---	---	---	---	---	---	---	3
4	---	---	---	5.37	1.45	---	---	---	---	---	---	---	4
5	---	---	---	5.53	1.10	---	---	---	---	---	---	---	5
6	---	---	---	5.83	---	---	---	---	---	---	---	---	6
7	---	---	---	4.66	---	---	---	---	---	---	---	---	7
8	---	---	---	3.59	---	---	---	---	---	---	---	---	8
9	---	---	---	3.28	---	---	---	---	---	---	---	---	9
10	---	---	---	2.81	---	---	---	---	---	---	---	---	10
11	---	---	---	1.96	---	---	---	---	---	---	---	---	11
12	---	---	---	1.83	---	---	---	---	---	---	---	---	12
13	---	---	---	1.38	---	---	---	---	---	---	---	---	13
14	---	---	---	1.22	---	---	---	---	---	---	---	---	14
15	---	---	---	1.21	---	---	---	---	---	---	---	---	15
16	---	---	---	1.19	---	---	---	---	---	---	---	---	16
17	---	0.5528	---	0.993	---	---	---	---	---	---	---	---	17
18	---	---	---	0.945	---	---	---	---	---	---	---	---	18
19	---	---	---	0.972	---	---	---	---	---	---	---	---	19
20	---	---	0.7798	0.845	---	---	---	---	---	---	---	---	20
21	---	---	0.5858	0.783	---	---	---	---	---	---	---	---	21
22	---	---	0.4328	0.755	---	---	---	---	---	---	---	---	22
23	---	---	0.4008	0.670	---	---	---	---	---	---	---	---	23
24	---	---	2.27 B	0.879	---	---	---	---	---	---	---	---	24
25	---	---	5.31 B	1.13	---	---	---	---	---	---	---	---	25
26	---	---	12.9 B	1.02	---	---	---	---	---	---	---	---	26
27	---	---	15.4	0.911	---	---	---	---	---	---	---	---	27
28	---	---	8.53	3.40	---	---	---	---	---	---	---	---	28
29	---	---	4.92	12.0	---	---	---	---	---	---	---	---	29
30	---		4.33	10.3	---	---	---	---	---	---	---	---	30
31	---		5.18		---		---	---		---		---	31
TOTAL	---	---	---	94.154	---	---	---	---	---	---	---	---	TOTAL
MEAN	---	---	---	3.14	---	---	---	---	---	---	---	---	MEAN
MAX	---	---	---	12.0	---	---	---	---	---	---	---	---	MAX
MIN	---	---	---	0.870	---	---	---	---	---	---	---	---	MIN

SUMMARY FOR THE YEAR 1988

DISCHARGES IN CUBIC METRES PER SECOND

MAXIMUM DAILY, 15.4 ON MAR 27

MAXIMUM INSTANTANEOUS,
15.0 AT 05:05 EST ON MAR 27

TYPE OF GAUGE - RECORDING
LOCATION - LAT 45 04 52 N
LONG 74 52 07 W
DRAINAGE AREA, 129 km²

B - ICE CONDITIONS

NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	---	JUL	---
FEB	---	AUG	---
MAR	---	SEP	---
APR	8 130	OCT	---
MAY	---	NOV	---
JUN	---	DEC	---

REMARKS - SEASONAL OPERATION (FEB 15 - MAY 15)

RAISIN RIVER NEAR WILLIAMSTOWN - STATION NO. 02MC001

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1988

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	2.68	15.0 B	1.908	15.4	23.0	1.11	9.13	0.255	0.297	0.071	4.08	5.47	1
2	2.30 B	11.8 B	1.688	12.8	13.6	1.11	9.06	0.188	0.274	0.087	5.33	4.78	2
3	2.00 B	5.248	1.408	12.1	9.38	0.834	5.28	0.144	0.233	0.153	23.8	4.32	3
4	1.88 B	3.628	1.368	23.4	6.94	0.698	3.17	0.131	0.210	0.184	28.1	3.90	4
5	1.67 B	3.108	1.318	27.5	5.31	0.580	2.00	0.114	0.190	0.390	21.2	3.15	5
6	1.43 B	1.858	1.308	18.7	4.42	0.518	1.36	0.083	0.174	0.882	29.5	2.96 B	6
7	1.18 B	1.858	1.318	14.1	3.70	0.444	0.894	0.067	0.160	1.09	33.6	2.80	7
8	1.04 B	1.498	1.368	11.5	3.20	0.448	0.848	0.070	0.213	0.973	26.4	2.71	8
9	0.9908	1.428	1.468	11.2	2.81	0.385	0.686	0.058	0.218	0.762	19.3	2.24 B	9
10	0.9408	1.388	5.508	9.48	2.35	0.334	0.541	0.054	0.172	0.695	14.8	2.10 B	10
11	0.8008	1.388	6.008	7.30	2.02	0.337	0.428	0.033	0.144	0.687	12.5	1.40 B	11
12	0.8508	1.378	3.808	6.23	1.78	0.328	0.441	0.037	0.122	0.648	10.2	1.02 B	12
13	0.8418	1.348	2.888	5.47	1.80	0.284	0.348	0.044	0.094	0.567	8.33	0.8938	13
14	0.8008	1.338	2.368	4.83	1.83	0.250	0.320	0.052	0.088	0.832	9.86	0.8308	14
15	0.7648	1.388	2.138	4.86	1.86	0.198	0.312	0.061	0.080	0.882	10.1	0.7708	15
16	0.7408	1 438	2.408	4.58	1.74	0.189	0.318	0 073	0 073	0 676	8.39	0.7208	16
17	0.8948	1.488	3.328	4.26	1.67	0.173	0.338	0.078	0.072	0.592	7.03	0.6808	17
18	0.7028	1 518	3.708	4.13	1.78	0.148	0.329	0.072	0.136	0.536	8.18	0.6808	18
19	0.8708	1.588	3.008	4.08	1.87	0.116	0.262	0.061	0.177	0.473	5.36	0.6438	19
20	1.36 B	1.698	2.228	3.84	2.02	0.091	0.255	0.085	0.173	0.450	4.83	0.6378	20
21	1.85 B	1.878	1.788	3.19	2.57	0.088	0.240	0.088	0.182	0.421	7.00	1.15 B	21
22	1.95 B	2.108	1.448	2.83	2.44 A	0.067	0.218	0.059	0.188	0.505	8.18	1.26 B	22
23	1.80 B	4.468	1.288	2.78	2.08 A	0.178	0.195	0.042	0.188	1.78	8.82	0.9408	23
24	1.30 B	5.318	4.438	3.17	1.77 A	0.828	0.188	0.084	0.167	5.47	5.81	0.8008	24
25	0.9808	4.628	15.6 B	4.31	1.43 A	1.13	0.227	0.108	0.128	12.2	4.82	0.8508	25
26	0.8518	3.708	28.7 B	4.33	1.33	3.82	0.237	0.328	0.088	14.8	4.48	0.7288	26
27	0.7808	3.178	45.4 B	4.09	1.19	3.11	0.221	0.552	0.085	12.0	4.44	0.8708	27
28	0.7208	2.858	38.1 B	10.2	1.02	1.81	0.273	0.731	0.081	8.62	5.70	0.8388	28
29	0.8408	2.288	18.4 B	37.8	0.878	1.88	0.420	0.583	0.070	7.20	7.35	0.8108	29
30	0.8808		14.6	37.1	0.824	2.93	0.401	0.446	0.088	8.11	8.48	0.8478	30
31	7.31 B		18.8		0.838		0.318	0.388		4.87		0.8708	31
TOTAL	43.032	81.34	244.85	318.06	108.831	24.205	38.380	5.121	4.520	84.854	380.78	51.490	TOTAL
MEAN	1.38	3.16	7.80	10.8	3.51	0.807	1.27	0.188	0.151	2.74	11.7	1.88	MEAN
MAX	7.31	15.0	45.4	37.8	23.0	3.82	9.13	0.731	0.297	14.8	33.8	5.47	MAX
MIN	0.840	1.33	1.28	2.78	0.824	0.088	0.188	0.033	0.088	0.071	4.08	0.870	MIN

SUMMARY FOR THE YEAR 1988

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 3.73
MAXIMUM DAILY, 45.48 ON MAR 27
MINIMUM DAILY, 0.033 ON AUG 11

TYPE OF GAUGE - RECORDING
LOCATION - LAT 45 09 19 N
LONG 74 38 18 W
DRAINAGE AREA, 404 km²
A - MANUAL GAUGE
B - ICE CONDITIONS

NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	3 720	JUL	3 400
FEB	7 880	AUG	442
MAR	21 200	SEP	391
APR	27 300	OCT	7 330
MAY	9 410	NOV	30 300
JUN	2 080	DEC	4 450

TOTAL DISCHARGE, 118 000 dam³

REMARKS - DRAINAGE AREA AND FLOWS ARE REFERRED TO CONTROL AT LAT. 45 09 10 LONG. 74 37 31

RAWDON CREEK NEAR WEST HUNTINGDON - STATION NO. 02HK008

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1988

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	1.00 B	2.85 B	0.5458	5.15	1.24	0.517	0.143	0.087	0.090	0.217	0.249	0.474	1
2	0.9008	2.50 B	0.5308	4.87	1.15	0.497	0.120	0.078	0.076	0.318E	0.228	0.469	2
3	0.8208	2.10 B	0.5208	4.82	1.07 E	0.455	0.115	0.067	0.052	0.201E	0.192	0.477	3
4	0.7658	1.50 B	0.5188	5.10	0.998E	0.434	0.090	0.050	0.074	0.211E	0.194	0.4288	4
5	0.7208	1.15 B	0.5228	5.89	0.925E	0.390E	0.082	0.041	0.084	0.288E	0.208	0.3778	5
6	0.6708	0.9908	0.5258	5.53	0.870E	0.371E	0.076E	0.042	0.081	0.285	0.320	0.418	6
7	0.6408	0.9058	0.5358	5.04	0.826	0.333E	0.073	0.040	0.067	0.234	0.378	0.442	7
8	0.6158	0.8678	0.5728	4.57	0.847	0.308E	0.072	0.035	0.051	0.204	0.374	0.4188	8
9	0.5958	0.8508	0.6008	3.98	0.752	0.281E	0.059	0.034	0.037	0.174	0.404	0.3218	9
10	0.5808	0.8408	1.55 B	3.46	0.679	0.258E	0.083E	0.026	0.034	0.258	0.378	0.2858	10
11	0.5618	0.8308	1.55 B	3.00	0.618	0.248E	0.078E	0.024	0.038	0.441E	0.385	0.2808	11
12	0.5508	0.8258	1.04 B	2.58	0.578	0.278E	0.108E	0.020	0.028E	0.383E	0.305	0.2758	12
13	0.5478	0.8208	0.8498	2.38	0.565	0.258	0.117E	0.018	0.030E	0.281	0.418	0.2708	13
14	0.5428	0.8308	0.7658	2.35	0.557	0.256	0.129E	0.025	0.038E	0.193	0.544E	0.2888	14
15	0.5408	0.8608	0.7308	2.35	0.531	0.240	0.134E	0.022	0.041E	0.139E	0.408E	0.2678	15
16	0.5378	0.8708	0.7208	2.22	0.592	0.233	0.124	0.028	0.037	0.137E	0.445	0.2728	16
17	0.5328	0.8308	0.7008	2.12	0.931	0.203	0.129	0.021	0.053E	0.135	0.522	0.2788	17
18	0.5808	0.8008	0.6008	1.83	0.878	0.172	0.144	0.022	0.085E	0.236	0.489	0.2908	18
19	0.9008	0.7908	0.7408	1.69	0.818	0.135	0.125	0.018	0.058E	0.325E	0.384	0.3058	19
20	1.40 B	0.7808	0.7058	1.56	0.852	0.122	0.105	0.013	0.055E	0.203	0.485	0.3708	20
21	2.30 B	1.02 B	0.6558	1.46	0.955E	0.117	0.092	0.011	0.078E	0.175	0.847	0.5008	21
22	1.85 B	0.8808	0.5728	1.38	0.838E	0.124	0.101	0.006	0.100E	0.325	0.714	0.4258	22
23	1.20 B	1.11 B	1.03 B	1.25	0.678	0.179	0.098	0.011	0.288	0.472	0.593	0.4408	23
24	0.9008	0.8508	5.00	1.23E	0.605E	0.154	0.142	0.104	0.293	0.372	0.653	0.5058	24
25	0.7008	0.7308	5.44	1.20E	0.805E	0.184	0.151	0.115	0.254	0.487	0.804	0.4788	25
26	0.6108	0.6508	11.4	1.15E	0.575	0.146	0.191	0.133	0.212	0.451	0.571	0.4408	26
27	0.5708	0.6208	10.5	1.10E	0.535	0.144	0.217	0.095	0.187	0.384	0.585	0.5208	27
28	0.5508	0.5858	8.19	1.27	0.484	0.120	0.178	0.080	0.243	0.381	0.566	1.50 B	28
29	0.5358	0.5658	6.80	1.28	0.519	0.138	0.138	0.121	0.255	0.422	0.534	1.30 B	29
30	0.5258		5.14	1.31	0.485	0.129	0.117	0.120	0.227	0.307	0.502	1.00 B	30
31	0.8508		5.64		0.518E		0.095	0.091		0.280		0.8508	31
TOTAL	24.795	29.997	76.813	83.80	23.161	7.397	3.803	1.598	3.231	8.854	13.549	14.940	TOTAL
MEAN	0.800	1.03	2.48	2.80	0.747	0.247	0.115	0.051	0.108	0.288	0.452	0.482	MEAN
MAX	2.30	2.85	11.4	5.10	1.24	0.517	0.217	0.133	0.288	0.487	0.847	1.50	MAX
MIN	0.525	0.565	0.518	1.10	0.484	0.117	0.059	0.006	0.026	0.138	0.192	0.287	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 0.787
MAXIMUM DAILY, 11.4 ON MAR 26
MINIMUM DAILY, 0.006 ON AUG 22
MAXIMUM INSTANTANEOUS,
11.9 AT 05:21 EST ON MAR 26

SUMMARY FOR THE YEAR 1988

TYPE OF GAUGE - RECORDING
LOCATION - LAT 44 20 19 N
LONG 77 28 39 W
DRAINAGE AREA, 88.7 km²

B - ICE CONDITIONS
E - ESTIMATED
NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	2 140	JUL	211
FEB	2 580	AUG	136
MAR	6 640	SEP	279
APR	7 250	OCT	785
MAY	2 000	NOV	1 170
JUN	638	DEC	1 290

TOTAL DISCHARGE, 25 200 dam³

REDHILL CREEK AT HAMILTON - STATION NO. 02HA014

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1988

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	0.204	0.915	0.2248	0.408	0.270	0.113	0.103	0.288	0.043	0.048	0.144	0.168	1
2	0.185	0.418	0.684	0.444	0.233	0.087	0.081	0.118	0.041	1.11	0.084	0.169	2
3	0.178	0.277	0.402	1.13	0.207	0.184	0.083	0.108	0.828	0.128	0.078	0.150	3
4	0.177	0.2218	0.2598	1.35	0.185	0.100	0.085	0.102	2.82	0.428	0.187	0.127	4
5	0.1128	0.198	0.2688	0.781	0.171	0.094	0.090	0.100	0.382	0.187	0.444	0.189	5
6	0.0758	0.198	0.3128	0.803	0.158	0.088	0.084	1.88	0.150	0.078	0.217	0.188	6
7	0.0658	0.188	0.421	0.445	0.146	0.174	0.084	0.280	0.112	0.088	0.183	0.178	7
8	0.0608	0.173	0.380	0.408	0.147	0.098	0.093	0.154	0.103	0.085	1.02	0.188	8
9	0.0508	0.157	0.700	0.320	0.222	0.093	0.088	0.128	0.072	0.080	0.418	0.141	9
10	0.0488	0.144	0.437	0.281	0.190	0.089	0.080	0.908	0.061	0.818	0.803	0.131	10
11	0.0428	0.137	0.363	0.269	0.138	0.100	0.082	10.7	0.088	0.230	0.389	0.108	11
12	0.0408	0.185	0.360	0.245	0.153	0.097	0.087	1.28	0.053	0.102	0.261	0.085	12
13	0.0388	0.144	0.371	0.233	0.192	0.101	0.085	0.342	0.082	0.084	1.89	0.110	13
14	0.0378	0.138	0.284	0.253	0.124	0.083	0.118	0.223	0.042	0.080	0.718	0.153	14
15	0.0388	1.20 B	0.257	0.208	0.302	0.091	0.105	0.523	0.043	0.074	0.368	0.177	15
16	0.0318	0.720	0.248	0.188	0.770	0.087	0.248	0.118	0.041	0.073	0.278	0.090	16
17	0.0308	0.512	0.218	0.193	0.194	0.082	2.74	0.295	0.915	0.077	0.318	0.087	17
18	0.2808	0.5198	0.230	0.260	0.280	0.087	0.187	0.103	0.095	0.976	0.223	0.084	18
19	0.1408	0.8498	0.220	0.184	0.482	0.088	0.154	0.083	0.088	0.130	0.198	0.095	19
20	0.8958	1.98 B	0.208	0.277	0.193	0.079	0.133	0.072	0.082	0.144	2.82	0.3348	20
21	0.2338	0.7298	0.184	0.269	0.183	0.078	0.112	0.087	0.048	0.226	1.85	0.2048	21
22	0.1908	1.12 B	0.212	0.183	0.180	0.092	0.317	0.081	0.043	0.385	0.539	0.1058	22
23	0.1758	2.01	0.231	0.880	0.184	0.088	3.51	0.322	0.486	0.178	0.436	0.849	23
24	0.1408	0.7268	0.357	0.209	0.134	0.080	0.482	0.843	0.088	0.403	0.342	0.282	24
25	0.1208	0.4478	1.72	0.180	0.123	0.090	0.301	0.333	0.083	0.328	0.287	0.203	25
26	0.1088	0.3328	1.84	0.237	0.111	0.084	0.184	0.104	0.055	0.182	0.289	0.181	26
27	0.0908	0.248	0.831	0.208	0.104	0.088	0.168	0.087	0.084	0.134	0.300	1.58	27
28	0.0788	0.2488	0.502	0.188	0.106	0.133	0.135	0.185	0.049	0.193	0.281	2.91	28
29	0.0708	0.254	0.478	0.744	0.107	0.104	0.114	0.088	0.048	0.100	0.220	0.547	29
30	0.4708		0.457	0.488	0.103	0.084	1.15	0.080	0.044	0.088	0.208	0.357	30
31	0.8808		0.426		0.118		0.217	0.048		0.089		0.278	31
TOTAL	5.048	15.138	13.750	11.834	6.110	2.974	11.541	19.578	5.498	6.933	15.362	10.292	TOTAL
MEAN	0.163	0.522	0.444	0.388	0.197	0.099	0.372	0.631	0.217	0.224	0.545	0.332	MEAN
MAX	0.895	2.01	1.72	1.35	0.770	0.174	3.51	10.7	2.82	1.11	2.82	2.91	MAX
MIN	0.030	0.138	0.184	0.183	0.103	0.078	0.080	0.048	0.041	0.048	0.078	0.084	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 0.364
MAXIMUM DAILY, 10.7 ON AUG 11
MINIMUM DAILY, 0.0308 ON JAN 17
MAXIMUM INSTANTANEOUS,
63.3 AT 17:18 EST ON AUG 11

SUMMARY FOR THE YEAR 1988

TYPE OF GAUGE - RECORDING
LOCATION - LAT 43 13 56 N
LONG 79 47 08 W
DRAINAGE AREA, 60.9 km²

B - ICE CONDITIONS

NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	438	JUL	997
FEB	1 310	AUG	1 690
MAR	1 180	SEP	561
APR	1 010	OCT	588
MAY	528	NOV	1 410
JUN	267	DEC	889

TOTAL DISCHARGE, 10 900 dam³

REESOR CREEK ABOVE GREEN RIVER - STATION NO. 02HC039

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1988

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	0.2008	0.7008	0.2728	0.472	0.373	0.138	0.110	0.102	0.108	0.214	0.220E	0.232	1
2	0.1658	0.2858	0.3048	0.459	0.330	0.128	0.102	0.102	0.107	0.378	0.218E	0.218	2
3	0.1708	0.2658	0.3498	1.38	0.309	0.182	0.096	0.090	0.118	0.244	0.215E	0.215	3
4	0.1608	0.2558	0.3018	2.05	0.288	0.156	0.093	0.188	0.588	0.244	0.210E	0.1788	4
5	0.1508	0.2458	0.3778	0.892	0.288	0.133	0.087	0.186	0.408	0.228	0.400E	0.203	5
6	0.1438	0.2408	0.6888	0.854	0.262	0.123	0.085	0.113	0.218	0.190	0.714E	0.203	6
7	0.1388	0.2368	3.81 B	0.581	0.181	0.124	0.092	0.092	0.188	0.186	0.500E	0.196	7
8	0.1388	0.2308	5.19 B	0.523	0.162	0.126	0.093	0.089	0.140	0.174	0.380E	0.1708	8
9	0.1338	0.2278	3.78 B	0.454	0.161	0.123	0.098	0.089	0.134	0.163	0.372E	0.1508	9
10	0.1308	0.2248	1.01 B	0.418	0.190	0.120	0.104	0.088	0.127	0.162	0.468	0.1378	10
11	0.1288	0.2218	0.8368	0.375	0.168	0.117	0.121	0.091	0.118	0.218	0.364	0.1348	11
12	0.1278	0.2208	0.6548	0.356	0.148	0.110	0.104	0.108	0.121	0.231E	0.274	0.1308	12
13	0.1258	0.2198	0.3338	0.361	0.138	0.098	0.095	0.098	0.115	0.198E	0.548	0.1278	13
14	0.1258	0.2178	0.3238	0.858	0.148	0.087	0.098	0.087	0.104	0.188E	0.402	0.1268	14
15	0.1248	0.8008	0.2638	0.583	0.148	0.082	0.100	0.116	0.101	0.203E	0.338	0.1238	15
16	0.1238	1.75 B	0.2228	0.420	3.10	0.088	0.108	0.091	0.110	0.194E	0.331	0.1228	16
17	0.2008	1.25 B	0.2098	0.367	1.28	0.094	0.132	0.237	0.173	0.187E	0.302	0.1218	17
18	0.8728	0.8008	0.2948	0.428	0.504	0.094	0.116	0.124	0.155	0.800E	0.278	0.1208	18
19	0.7408	1.50 B	0.2898	0.361	0.491	0.094	0.100	0.098	0.135	0.210E	0.274	0.1608	19
20	1.20 B	2.00 B	0.2188	0.348	0.820	0.095	0.089	0.093	0.147	0.210E	0.352	0.2368	20
21	0.5008	1.43 B	0.1728	0.356	0.447	0.084	0.088	0.080	0.133	0.212E	0.398	0.3408	21
22	0.3708	1.00 B	0.1658	0.325	0.344	0.375	0.102	0.073	0.121	0.440E	0.308	0.2008	22
23	0.3358	3.20 B	1.23 B	0.339	0.287	0.241	0.114	0.080	0.222	0.350E	0.285	0.2658	23
24	0.3158	1.75 B	4.35 B	0.328	0.243	0.151	0.108	0.233	0.156	0.400E	0.272	0.3808	24
25	0.2958	1.00 B	2.58 B	0.305	0.232	0.136	0.117	0.288	0.134	0.340E	0.258	0.2808	25
26	0.2858	0.8008	2.28 B	0.313	0.213	0.123	0.205	0.235	0.128	0.250E	0.256	0.2208	26
27	0.2758	0.3808	1.32 B	0.308	0.194	0.111	0.151	0.181	0.152	0.244E	0.285	0.5748	27
28	0.2658	0.3208	0.5398	0.332	0.181	0.098	0.107	0.144	0.201	0.240E	0.284	2.12 B	28
29	0.5008	0.3008	0.546	0.402	0.168	0.103	0.096	0.130	0.138	0.228E	0.264	0.3308	29
30	1.80 B		0.837	0.477	0.150	0.104	0.087	0.125	0.125	0.210E	0.248	0.2348	30
31	3.38 B		0.506		0.144		0.102	0.109		0.214E		0.1788	31
TOTAL	13.521	21.762	34.067	15.706	11.886	3.847	3.316	3.970	4.885	7.755	9.918	8.395	TOTAL
MEAN	0.436	0.750	1.10	0.524	0.387	0.128	0.107	0.128	0.163	0.250	0.331	0.271	MEAN
MAX	3.38	3.20	5.19	2.05	3.10	0.376	0.205	0.288	0.588	0.800	0.714	2.12	MAX
MIN	0.123	0.217	0.172	0.305	0.144	0.082	0.085	0.073	0.101	0.163	0.210	0.120	MIN

SUMMARY FOR THE YEAR 1988

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 0.380
MAXIMUM DAILY, 5.190 ON MAR 6
MINIMUM DAILY, 0.073 ON AUG 22
MAXIMUM INSTANTANEOUS,
13.4 AT 17:30 EST ON MAY 16

TYPE OF GAUGE - RECORDING
LOCATION - LAT 43 58 07 N
LONG 79 12 03 W
DRAINAGE AREA, 36.3 km²

B - ICE CONDITIONS
E - ESTIMATED
REGULATED

MONTHLY TOTAL DISCHARGE
IN CUBIC DECAMETRES

JAN	1 170	JUL	287
FEB	1 880	AUG	343
MAR	2 940	SEP	422
APR	1 380	OCT	670
MAY	1 040	NOV	857
JUN	332	DEC	725

TOTAL DISCHARGE, 12 000 dam³

RIDEAU RIVER ABOVE SMITHS FALLS - STATION NO. 02LA006

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1988

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	16.7	9.85	21.7	10.9 A	16.8	---	---	---	---	---	5.43	10.9	1
2	16.7	9.23	21.6	21.1	16.3A	---	---	---	---	---	5.46	8.54	2
3	17.0	8.26	21.7	23.0	---	---	---	---	---	---	5.80	8.47	3
4	16.9	8.67	21.6	31.7	---	---	---	---	---	---	5.85	8.528	4
5	17.1	13.3	21.1	36.9	---	---	---	---	---	---	5.78	8.58	5
6	17.0	12.3	20.9	39.9	---	---	---	---	---	---	5.83E	8.83	6
7	16.8	12.1	20.8	38.6	---	---	---	---	---	---	5.88E	8.76	7
8	14.8	12.3	18.4	38.4	---	---	---	---	---	---	5.91E	8.50	8
9	12.1	12.3	14.4	33.6	---	---	---	---	---	---	10.1	8.86	9
10	12.1	12.4	13.3	13.6	---	---	---	---	---	---	14.0	8.82	10
11	12.1	12.8	13.2	7.68A	---	---	---	---	---	---	13.8	8.71	11
12	11.9	12.6	12.4	20.5	---	---	---	---	---	---	13.8	8.72	12
13	11.8	12.6	12.5	22.7	---	---	---	---	---	---	13.8	8.82	13
14	11.88	12.6	12.6	27.9	---	---	---	---	---	---	13.8	8.86	14
15	12.0	12.9	12.6	28.6	---	---	---	---	---	---	13.6	8.84	15
16	11.8	12.7	12.7	28.0	---	---	---	---	---	---	13.6	7.01	16
17	12.0	12.7	12.6	24.8	---	---	---	---	---	4.88A	11.3	6.78	17
18	11.8	12.8	12.8	18.3	---	---	---	---	---	5.00E	9.49	6.86	18
19	11.6	12.8	12.7	12.8	---	---	---	---	---	5.08E	9.22	6.44	19
20	11.6	12.8	12.6	9.01	---	---	---	---	---	5.21E	9.15	6.57	20
21	12.1	13.1	12.6	8.00	---	---	---	---	---	5.31E	10.8	6.87	21
22	12.3	13.8	12.7	7.81	---	---	---	---	---	5.45	13.4	6.74	22
23	12.2	14.8	12.7 E	7.94	---	---	---	---	---	5.47	13.4	6.56	23
24	12.3	14.8	12.7 E	7.87	---	---	---	---	---	5.84	13.3	6.79	24
25	14.6	16.0	8.12E	8.07	---	---	---	---	---	5.85	13.3	6.81	25
26	19.1E	16.1	0	10.8	---	---	---	---	---	5.82	13.4	6.73	26
27	19.1E	16.2	0	10.8	---	---	---	---	---	5.80	13.3	6.81	27
28	18.2	16.3	0	11.0	---	---	---	---	---	5.59	13.3	6.76	28
29	16.7	17.5	0	18.1	---	---	---	---	---	5.54	13.1	6.82	29
30	11.8		0	18.8	---	---	---	---	---	5.48	12.0	6.73	30
31	11.8		0		---		---	---		5.37		6.74	31
TOTAL	434.0	386.33	377.23	598.16	---	---	---	---	---	---	320.81	214.17	TOTAL
MEAN	14.0	12.8	12.2	19.9	---	---	---	---	---	---	10.7	6.91	MEAN
MAX	19.2	17.5	21.7	39.4	---	---	---	---	---	---	14.0	10.9	MAX
MIN	11.8	8.23	0	7.68	---	---	---	---	---	---	5.43	6.44	MIN

SUMMARY FOR THE YEAR 1988

DISCHARGES IN CUBIC METRES PER SECOND

MAXIMUM DAILY, 39.4 ON APR 8

MAXIMUM INSTANTANEOUS,
40.1 AT 09:15 EST ON APR 7

TYPE OF GAUGE - RECORDING
LOCATION - LAT 44 53 35 N
LONG 76 03 45 W
DRAINAGE AREA, 1 380 km²
A - MANUAL GAUGE
B - ICE CONDITIONS
E - ESTIMATED
REGULATED

MONTHLY TOTAL DISCHARGE
IN CUBIC DECAMETRES

JAN	37 500	JUL	---
FEB	31 700	AUG	---
MAR	33 900	SEP	---
APR	61 700	OCT	---
MAY	---	NOV	27 700
JUN	---	DEC	18 600

REMARKS - SEASONAL OPERATION (OCT-MAY APPROX.)

RIDEAU RIVER AT MERRICKVILLE - STATION NO. 02LA018

DAILY WATER LEVEL IN METRES FOR 1988

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	---	---	2.300	2.385	2.518	2.412	2.420A	2.421	2.385	2.422	2.320	2.311	1
2	---	---	2.247	2.385	2.476	2.398	2.437	2.412	2.390	2.445	2.382	2.287	2
3	---	---	2.228	2.332	2.415A	2.375	2.444	2.417	2.382	2.466	2.430	2.248	3
4	---	---	2.230	2.336	2.344	2.362	2.424	2.412	2.380	2.448	2.452	2.176	4
5	---	---	2.230	2.323	2.322	2.345	2.414	2.408	2.388	2.442	2.468	2.187	5
6	---	---	2.225	2.317	2.325	2.358	2.415	2.408	2.385	2.445	2.488	2.218A	6
7	---	---	2.220	2.328	2.312	2.377	2.418A	2.402	2.381	2.439	2.453	---	7
8	---	---	2.238	2.319	2.329	2.380	2.418A	2.404	2.380	2.419	2.418	---	8
9	---	---	2.267	2.351	2.352	2.384	2.412A	2.402	2.377	2.411	2.378	---	9
10	---	---	2.326	2.382	2.340	2.408	2.408A	2.398	2.389	2.414	2.408	---	10
11	---	---	2.374	2.374	2.307	2.438A	2.408	2.397	2.351	2.428	2.384	---	11
12	---	---	2.380	2.382	2.324	2.443A	2.387	2.385	2.354	2.416	2.326	---	12
13	---	---	2.378	2.349	2.340	2.435	2.381	2.404	2.344	2.388	2.280	---	13
14	---	---	2.388	2.370	2.298	2.420	2.370	2.427	2.343	2.383	2.283	---	14
15	---	---	2.354	2.385	2.318	2.414A	2.368	2.431	2.330	2.385	2.278	---	15
16	---	---	2.341	2.382	2.340A	2.404	2.351	2.428	2.325	2.326	2.318	---	16
17	---	---	2.335	2.376	2.388	2.403A	2.338	2.421	2.327	2.326	2.377	---	17
18	---	---	2.343	2.326	2.398	2.413	2.345	2.412	2.367A	2.351	2.387	---	18
19	---	---	2.347	2.258	2.438	2.420	2.340	2.415	2.387	2.358	2.332	---	19
20	---	---	2.338	2.262	2.480A	2.427	2.338	2.411	2.441	2.343	2.308	---	20
21	---	---	2.323	2.335	2.496A	2.410	2.343	2.408	2.449	2.283	2.327	---	21
22	---	---	2.301	2.389	2.501A	2.424	2.355	2.408	2.436	2.225	2.328	---	22
23	---	---	2.308	2.400	2.487A	2.419	2.363	2.398	2.431	2.197	2.336	---	23
24	---	---	2.405	2.417	2.438	2.428	2.360	2.409	2.408	2.158	2.349	---	24
25	---	---	2.462	2.394	2.408	2.438A	2.404	2.448	2.405	2.188	2.382	---	25
26	---	---	2.456A	2.336	2.401	2.434	2.423	2.458	2.384	2.175	2.377	---	26
27	---	---	2.302	2.283	2.386	2.423	2.436	2.424	2.412	2.207	2.408	---	27
28	---	---	2.238	2.308	2.385	2.420	2.437	2.398	2.398	2.258	2.387	---	28
29	---	2.340A	2.267	2.363	2.380	2.414	2.432	2.394	2.401	2.276	2.377	---	29
30	---		2.337	2.470	2.410	2.407	2.428	2.392	2.413	2.288	2.381	---	30
31	---		2.344		2.422		2.418	2.388		2.315		---	31
MEAN	---	---	2.316	2.352	2.389	2.408	2.395	2.411	2.385	2.341	2.387	---	MEAN
MAX	---	---	2.462	2.470	2.518	2.443	2.444	2.458	2.449	2.488	2.488	---	MAX
MIN	---	---	2.220	2.258	2.298	2.345	2.338	2.388	2.325	2.158	2.278	---	MIN

WATER LEVELS IN METRES

SUMMARY FOR THE YEAR 1988

MAXIMUM DAILY, 2.518 ON MAY 1
MINIMUM DAILY, 2.158 ON OCT 24
MAXIMUM INSTANTANEOUS,
2.574 AT 10:15 EST ON MAR 28

TYPE OF GAUGE - RECORDING
LOCATION - LAT 44 55 04 N
LONG 75 50 19 W

A - MANUAL GAUGE

REGULATED

WATER LEVELS ARE REFERRED TO ASSUMED DATUM
APPLY 100.554 m ADJUSTMENT TO CONVERT TO GEODETIC SURVEY OF CANADA DATUM

REMARKS - STATION OPERATED FEB-DEC ONLY

RIDEAU RIVER AT OTTAWA - STATION NO. 02LA004

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1988

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	44.0B	80.0B	34.6B	153	77.8	16.4	13.1	6.07	7.33	5.15	34.4	51.5	1
2	26.7B	76.0B	38.0B	146	74.0	14.7	*12.8	5.92	6.74	8.01	28.0	48.7	2
3	26.6B	37.2B	43.0B	153	70.8	19.2	11.0	6.12	6.46	12.0	43.1	42.8	3
4	30.0B	25.8B	41.4B	188	59.2	15.8	8.63	8.49	8.02	11.1	51.2	32.8	4
5	32.0B	25.4B	36.0B	182	49.7	12.0	9.18	7.00	5.22	10.9	50.6	30.8	5
6	35.0B	29.2B	37.0B	178	38.2	10.5	8.38	5.80	5.57	11.0	71.0	24.8	6
7	38.0B	29.0B	34.6B	185	33.2	7.07	7.21	5.89	4.87	10.8	102	21.4	7
8	34.7B	31.0B	36.0B	183	32.0	6.36	5.93	5.03	5.29	8.81	105	18.8	8
9	30.0B	26.6B	32.9B	160	24.8	8.25	5.55	5.81	5.90	7.50	107	15.6	9
10	29.8B	23.0B	35.6	123	20.3	8.48	5.78	5.48	5.24	9.17	102	13.9 B	10
11	27.8B	21.1B	48.7	95.4	19.5	8.52	5.86	5.17	5.27	8.79	95.7	13.4 B	11
12	26.2B	21.6B	48.4	97.7	19.5	6.86	6.00	4.32	5.26	10.2	75.3	13.8 B	12
13	25.0B	21.2B	43.8	86.4	19.4	6.77	5.81	3.73	5.34	10.6	78.4	14.2 B	13
14	24.8B	21.0B	41.1	72.5	17.8	7.03	6.12	3.32	7.94	10.6	79.7	14.6	14
15	20.5B	21.5B	38.7	63.6	16.3	7.25	6.09	3.22	8.31	10.7	84.1	17.6	15
16	19.1B	26.3B	38.1	71.0	16.8	6.78	5.61	3.19	8.23	9.56	48.4	15.6 B	16
17	17.8B	28.0B	40.3	88.0	18.4	6.84	5.49	3.42	7.05	8.43	49.7	13.6 B	17
18	20.0B	26.0B	44.6	82.2	17.0	6.29	5.85	4.36	7.83	10.6	50.8	13.9 B	18
19	23.0B	27.2B	43.7	83.6	17.8	5.76	6.84	5.89	6.80	13.1	48.4	15.0 B	19
20	19.4B	28.7B	42.1	84.1	30.1	4.93	5.83	5.25	7.78	20.4	44.9	17.9 B	20
21	22.5B	30.0B	38.7	38.3	47.2	3.51	5.89	5.50	5.56	18.9	44.4	19.0 B	21
22	29.6B	31.8B	33.5	23.4	61.8	3.82	5.87	5.15	6.27	17.5	45.1	15.4 B	22
23	27.8B	30.0B	31.4	24.7	59.3	5.14	5.56	5.22	8.42	27.2	47.1	12.8 B	23
24	26.0B	24.8B	38.5	28.1	48.0	4.09	6.37	6.52	11.4	32.5	48.6	12.2	24
25	26.4B	22.1B	63.5	25.8	38.8	11.1	7.03	12.4	8.38	37.0	38.7	12.0	25
26	26.8B	25.0B	185	24.2	38.8	13.2	8.89	10.4	6.44	33.8	37.1	10.6 B	26
27	26.0B	30.0B	247	33.8	30.6	8.86	7.19	8.30	6.02	28.3	38.8	7.33B	27
28	24.8B	29.0B	241	30.0	20.1	9.14	6.73	12.4	4.95	24.3	48.2	11.9 B	28
29	23.5B	28.0B	192	74.4	17.4	11.1	6.81	13.4	4.10	26.2	49.7	15.3 B	29
30	23.4B		158	80.8	16.8	13.0	6.80	11.4	4.24	26.0	52.7	16.2 B	30
31	27.2B		156		16.8		6.26	6.87		24.8		18.2 B	31
TOTAL	838.0	888.5	2 188.7	2 780.8	1 088.8	283.53	219.13	204.73	195.81	534.92	1 781.1	812.03	TOTAL
MEAN	27.0	30.6	69.9	82.0	34.5	8.78	7.07	6.80	6.53	17.3	59.4	19.7	MEAN
MAX	44.0	80.0	247	192	77.8	19.2	13.1	13.4	11.4	54.8	107	51.5	MAX
MIN	19.8	21.0	31.4	23.8	16.8	3.51	5.49	3.19	4.10	5.15	28.0	7.33	MIN

DISCHARGES IN CUBIC METRES PER SECOND

SUMMARY FOR THE YEAR 1988

MEAN, 31.8
MAXIMUM DAILY, 247 ON MAR 27
MINIMUM DAILY, 3.19 ON AUG 16
MAXIMUM INSTANTANEOUS,
273 AT 18:57 EST ON MAR 27

TYPE OF GAUGE - RECORDING
LOCATION - LAT 45 23 54 N
LONG 75 41 52 W
DRAINAGE AREA, 3 830 km²

B - ICE CONDITIONS

REGULATED

MONTHLY TOTAL DISCHARGE
IN CUBIC DECAMETRES

JAN	72 400	JUL	18 900
FEB	76 600	AUG	17 700
MAR	187 000	SEP	16 800
APR	238 000	OCT	46 200
MAY	92 300	NOV	154 000
JUN	22 800	DEC	52 900

TOTAL DISCHARGE, 897 000 dam³

RIDEAU RIVER BELOW MANOTICK - STATION NO. 02LA012

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1988

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	38.58	86.1	28.88	114	52.4	14.4	10.5	5.58	5.22	4.38	16.4	44.5	1
2	31.88	84.18	32.18	111	56.6	12.9	10.4	5.37	5.22	5.08	22.6	40.7	2
3	31.88	27.08	36.58	121	58.9	18.4	8.27	5.38	4.45	10.7	35.1	33.1	3
4	23.0	23.08	35.0	146	46.0	13.1	7.18	5.31	4.73	10.2	38.1	27.1	4
5	30.1	23.38	32.5	149	38.2	11.0	7.21	5.28	4.72	9.78	36.5	22.8	5
6	28.58	23.28	32.1	142	30.6	8.10	7.08	5.25	4.78	8.85	84.8	18.0	6
7	32.08	23.28	31.0	136	23.7	8.33	6.08	5.04	4.80	8.58	84.3	14.7	7
8	28.08	25.08	30.8	128	24.1	8.62	6.30	5.07	4.88	7.48	80.9	11.2	8
9	24.88	23.08	28.3	125	21.2	8.70	6.34	5.13	4.98	8.82	88.8	12.6	9
10	24.78	18.18	30.8	88.6	14.3	8.78	6.34	5.04	4.88	7.55	88.2	14.7 B	10
11	24.58	18.88	48.8	78.3	14.2	8.08	6.46	4.73	4.85	8.73	71.6	14.7	11
12	22.08	17.18	40.6	77.2	15.3	8.18	6.47	3.81	4.98	9.14	61.8	12.6 B	12
13	20.88	16.88	38.8	88.8	15.2	8.34	6.47	3.05	4.87	9.07	58.6	11.7	13
14	20.78	16.88	36.6	51.8	15.0	8.87	6.42	3.05	7.83	8.88	56.8	14.1	14
15	17.08	17.08	34.8	48.7	15.4	8.78	6.46	3.00	8.23	8.86	47.6	14.9 B	15
16	16.08	21.58	33.6	83.7	15.1	8.02	6.44	3.30	7.16	8.41	36.6	13.5 B	16
17	14.88	23.08	37.3	77.3	14.7	8.82	6.38	3.86	6.86	8.47	40.8	11.6	17
18	21.4	22.98	39.1	58.6	14.4	8.64	6.33	6.02	6.09	8.90	39.1	11.9	18
19	18.4	25.2	38.2	50.6	14.8	8.34	6.33	6.70	6.04	13.8	38.8	13.6	19
20	16.2	25.6	36.8	40.8	27.1	4.73	6.34	4.70	8.17	17.6	38.0	16.6	20
21	22.6	25.68	29.8	20.8	43.1	3.46	6.20	4.70	6.86	16.3	38.1	16.7	21
22	24.28	28.38	27.3	14.7	56.4	3.67	6.12	4.86	6.81	16.2	37.7	12.2	22
23	21.88	26.88	26.6	16.8	56.8	3.81	6.13	4.76	8.19	23.3	41.8	10.3	23
24	21.58	22.88	32.1	21.8	42.8	3.96	6.24	6.73	10.6	26.6	36.4	10.1	24
26	22.28	20.08	53.4	31.6	36.7	7.66	6.44	8.88	7.33	28.3	31.3	10.1	26
26	22.68	24.38	122	37.1	36.3	8.48	6.38	6.80	6.68	27.0	31.0	7.48	26
27	22.48	27.78	166	28.6	28.8	7.33	6.42	6.80	4.80	22.3	38.2	6.78	27
28	21.08	28.58	187	26.7	17.3	7.14	6.36	11.1	4.01	18.1	41.8	8.87	28
29	20.18	26.88	147	64.0	14.7	9.30	6.48	12.2	4.11	16.4	46.3	14.0	29
30	20.2		118	81.1	14.7	10.3	6.68	8.73	4.26	16.4	46.7	13.8	30
31	32.6		116		14.4		6.48	7.31		16.8		13.8	31
TOTAL	716.8	744.7	1 780.8	2 191.7	886.1	227.87	185.80	178.67	174.43	414.38	1 459.1	498.81	TOTAL
MEAN	23.1	26.7	58.5	73.1	28.6	7.60	5.99	5.76	5.81	13.4	48.6	16.1	MEAN
MAX	38.5	86.1	187	149	58.9	16.4	10.5	12.2	10.6	28.3	90.9	44.5	MAX
MIN	14.8	16.8	28.8	14.7	14.2	3.46	5.12	3.00	4.01	4.38	16.4	5.78	MIN

SUMMARY FOR THE YEAR 1988

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 25.8
MAXIMUM DAILY, 187 ON MAR 28
MINIMUM DAILY, 3.00 ON AUG 15
MAXIMUM INSTANTANEOUS,
210 AT 15:35 EST ON MAR 27

TYPE OF GAUGE - RECORDING
LOCATION - LAT 45 14 54 N
LONG 75 42 17 W
DRAINAGE AREA, 3 120 km²

B - ICE CONDITIONS

REGULATED

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	61 900	JUL	15 000
FEB	64 300	AUG	15 500
MAR	151 000	SEP	15 100
APR	188 000	OCT	35 800
MAY	76 600	NOV	126 000
JUN	19 700	DEC	43 100

TOTAL DISCHARGE, 814 000 dam³

RIDEAU RIVER BELOW MERRICKVILLE - STATION NO. 02LA011

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1988

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	17.0	20.6	33.4	39.6	33.9	14.1	8.57	6.23	6.86	5.91	8.26	27.3	1
2	18.3	22.78	32.3	49.6	39.6	14.2	8.98	6.14	7.01	6.42	9.08	23.6	2
3	21.3	22.48	28.3	86.3	39.3	13.0	9.55	6.23	6.87	6.56	9.62	20.6	3
4	21.1	22.28	27.3	89.6	34.1	9.85	8.32	6.17	7.20	9.32	13.2	16.2	4
5	21.2	22.28	27.3	89.0	25.2	9.50	6.84	6.16	7.01	9.34	16.4	12.0	5
6	24.7	22.08	27.1	88.9	18.6	7.42	6.65	6.16	6.95	9.25	26.4	8.93	6
7	30.7	21.88	25.7	86.8	16.4	6.02	6.58	6.08	7.07	9.23	27.6	6.72	7
8	26.7	19.28	21.2	88.4	16.6	5.85	6.53	5.77	7.31	9.20	31.0	6.68	8
9	22.7	14.68	18.0	80.9	15.3	6.05	6.48	6.02	7.04	9.20	32.3	7.84	9
10	22.4	14.3	18.2	47.0	16.7	6.04	6.26	6.11	7.03	8.25	37.6	9.08	10
11	21.2	14.3	20.0	36.5	14.9	6.33	6.74	6.13	7.16	7.86	32.8	8.13	11
12	18.2	14.5	22.6	34.1	12.6	6.00	6.78	6.20	7.13	10.0	33.5	10.2	12
13	16.4	14.3	22.8	34.1	12.3	7.89	6.70	6.49	7.05	10.3	31.4	10.7	13
14	13.7	14.3	22.6	37.1	12.4	7.89	6.47	6.67	7.24	8.89	28.8	10.7	14
15	10.8	15.2	22.6	41.8	9.31	6.98	6.41	6.52	7.15	7.38	23.6	10.8	15
16	10.2	18.6	22.5	44.6	9.34	6.04	6.30	6.63	7.31	7.46	20.8	10.7	16
17	10.8	18.8	22.4	45.8	9.43	6.04	6.36	6.64	7.50	8.73	20.9	9.90	17
18	11.8	21.2	22.5	42.8	9.30	6.10	6.26	6.50	6.80	12.0	20.6	10.6	18
19	14.9	21.1	22.6	32.6	11.3	6.02	6.30	6.50	6.77	17.0	20.6	10.4	19
20	18.3	21.1	22.4	21.3	21.9	6.98	6.26	6.65	6.86	16.3	20.8	9.87	20
21	22.6	24.6	22.4	8.82	37.1	5.94	6.33	6.87	8.10	15.3	20.8	8.37	21
22	21.4	26.3	22.1	11.6	37.1	6.21	6.28	6.60	8.66	17.7	21.6	7.84	22
23	19.2	12.8	19.2	18.6	40.6	6.83	6.28	6.66	8.66	17.8	20.0	8.82	23
24	18.3	13.2	20.2	16.6	36.1	6.01	6.61	6.76	8.36	16.8	20.7	8.72	24
25	18.28	16.3	24.4	16.6	27.0	7.23	6.29	7.18	8.76	13.0	21.4	8.86	25
26	18.28	18.7	87.7	18.0	24.6	8.38	6.33	11.6	8.33	9.84	22.4	8.83	26
27	18.28	24.6	86.2	18.7	18.2	8.34	7.28	14.0	8.07	8.09	23.6	8.82	27
28	19.38	23.6	66.1	16.1	16.8	8.32	8.61	11.0	8.88	8.09	24.8	8.83	28
29	19.28	28.6	49.8	18.2	14.6	8.46	8.33	7.26	8.88	8.13	26.7	12.0	29
30	18.58		42.7	26.1	12.8	8.58	7.11	7.26	8.88	8.18	27.7	11.8	30
31	18.8		41.6		13.0		6.26	7.16		8.18		10.8	31
TOTAL	581.4	574.0	857.7	1 146.15	657.28	232.66	214.83	218.05	211.12	318.18	693.06	335.79	TOTAL
MEAN	18.1	19.8	30.8	38.3	21.2	7.76	6.93	7.03	7.04	10.3	23.1	10.8	MEAN
MAX	30.7	36.5	86.2	89.6	40.6	14.2	8.55	14.0	8.86	17.7	37.6	27.3	MAX
MIN	10.2	12.8	18.0	8.82	8.30	5.86	6.23	5.77	5.77	5.81	8.26	8.72	MIN

SUMMARY FOR THE YEAR 1988

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 16.8
MAXIMUM DAILY, 86.2 ON MAR 27
MINIMUM DAILY, 5.77 ON AUG 8
MAXIMUM INSTANTANEOUS,
88.2 AT 16:14 EST ON MAR 26

TYPE OF GAUGE - RECORDING
LOCATION - LAT 44 57 05 N
LONG 75 48 05 W
DRAINAGE AREA, 1 920 km²

B - ICE CONDITIONS

REGULATED

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	51 100	JUL	18 800
FEB	49 600	AUG	18 600
MAR	82 700	SEP	18 200
APR	99 300	OCT	27 500
MAY	58 800	NOV	59 900
JUN	20 100	DEC	29 000

TOTAL DISCHARGE, 532 000 dam³

RIVIERE BEAUDETTE NEAR GLEN NEVIS - STATION NO. 02MC026

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1988

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	1.10 B	5.78 B	1.01 B	5.06	8.37	0.387	1.06	0.053	0.026	0.105	1.23	2.06	1
2	1.00 B	3.62 B	0.920B	5.45	7.94	0.247	1.52	0.048	0.028	0.035	1.71	1.69	2
3	0.910B	3.10 B	0.820B	4.92	4.94	0.206	1.47	0.040	0.035	0.043	4.48	1.51	3
4	0.838B	2.01 B	0.760B	5.36	3.41	0.248	0.984	0.043	0.036	0.058	5.00	1.07	4
5	0.760B	1.40 B	0.700B	5.58	2.63	0.243	0.617	0.042	0.051	0.115	5.20	1.16	5
6	0.700B	0.880B	0.850B	6.31	2.16	0.193	0.403	0.043	0.063	0.233	9.28	0.962	6
7	0.640B	0.890B	0.605B	5.56	1.78	0.191	0.226	0.028	0.063	0.226	10.0	0.918	7
8	0.600B	0.810B	0.560B	4.60	1.47	0.158	0.133	0.026	0.052	0.164	9.64	0.874	8
9	0.575B	0.772B	0.780B	4.52	1.27	0.174	0.125	0.027	0.036	0.135	8.40	0.660B	9
10	0.565B	0.750B	1.86 B	4.08	1.12	0.158	0.107	0.022	0.100	0.188	8.36	0.540B	10
11	0.538B	0.728B	2.31 B	3.53	0.979	0.151	0.088	0.021	0.108	0.342	8.53	0.462B	11
12	0.523B	0.720B	1.83 B	2.95	0.669	0.142	0.082	0.018	0.051	0.346	4.77	0.412B	12
13	0.506B	0.712B	1.51 B	2.49	0.832	0.118	0.080	0.018	0.038	0.238	3.73	0.364B	13
14	0.498B	0.727B	1.01 B	2.14	0.931	0.119	0.088	0.028	0.041	0.200	3.53	0.330B	14
15	0.480B	0.737B	0.875B	2.06	0.851A	0.112	0.084	0.031	0.035	0.252	3.27	0.310B	15
16	0.470B	0.740B	0.950B	2.37	0.784E	0.102	0.082	0.053	0.031	0.147	3.16	0.285B	16
17	0.458B	0.760B	1.73 B	2.06	0.810E	0.111	0.055	0.060	0.030	0.131	3.03	0.285B	17
18	0.447B	0.890B	1.74 B	1.91	0.860E	0.075	0.044	0.054	0.127	0.112	2.57	0.278B	18
19	0.580B	0.920B	1.35 B	1.93	0.820E	0.084	0.045	0.107	0.103	0.107	2.18	0.272	19
20	0.720B	0.950B	1.10 B	1.76	0.910E	0.125	0.045	0.087	0.087	0.111	1.90	0.263	20
21	0.850B	1.10 B	0.680B	1.62	1.23 E	0.095	0.047	0.026	0.086	0.116	1.98E	0.480B	21
22	1.05 B	1.36 B	0.700B	1.57	1.27 E	0.093	0.049	0.021	0.097	0.118	2.07A	0.425B	22
23	0.862B	1.70 B	0.600B	1.26	1.05 E	0.107	0.047	0.018	0.081	0.767	1.88E	0.400B	23
24	0.680B	2.28 B	1.50 B	1.60	0.761A	0.102	0.038	0.022	0.085	1.63	1.72E	0.370B	24
25	0.543B	2.27 B	3.13 B	2.23	0.885	0.096	0.042	0.053	0.073	2.23	1.83	0.380B	25
26	0.500B	1.90 B	5.60 B	2.17	0.626	0.209	0.044	0.041	0.076	2.31	1.46	0.324B	26
27	0.462B	1.62 B	8.98 B	2.49	0.476	0.168	0.045	0.085	0.083	2.52	1.45	0.301B	27
28	0.438B	1.38 B	10.8 B	4.27	0.426	0.144	0.047	0.087	0.048	2.48	1.79	0.287B	28
29	0.425B	1.20 B	10.3 B	8.70	0.403	0.321	0.055	0.080	0.084	2.25	2.04	0.288B	29
30	0.420B		8.22	8.86	0.345	0.458	0.080	0.086	0.047	1.84	2.10	0.258B	30
31	3.52 B		6.89		0.489		0.086	0.033		1.54		0.250B	31
TOTAL	22.780	42.746	81.680	112.50	52.841	5.147	7.822	1.383	1.896	31.103	117.09	18.414	TOTAL
MEAN	0.734	1.47	2.63	3.75	1.70	0.172	0.252	0.044	0.063	0.881	3.90	0.594	MEAN
MAX	3.52	5.78	10.8	8.86	8.37	0.458	1.52	0.107	0.127	2.52	10.0	2.06	MAX
MIN	0.420	0.712	0.600	1.25	0.345	0.075	0.038	0.018	0.028	0.035	1.23	0.250	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 1.33
MAXIMUM DAILY, 10.8B ON MAR 28
MINIMUM DAILY, 0.018 ON AUG 13

SUMMARY FOR THE YEAR 1988

TYPE OF GAUGE - RECORDING
LOCATION - LAT 45 16 27 N
LONG 74 29 37 W
DRAINAGE AREA, 124 km²
A - MANUAL GAUGE
B - ICE CONDITIONS
E - ESTIMATED
NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	1 870	JUL	675
FEB	3 890	AUG	117
MAR	7 050	SEP	184
APR	9 720	OCT	1 820
MAY	4 570	NOV	10 100
JUN	446	DEC	1 590

TOTAL DISCHARGE, 41 800 dam³

RIVIERE DELISLE NEAR ALEXANDRIA - STATION NO. 02MC028

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1988

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	0.636	5.67	0.520B	4.83	4.20	0.257	0.619	0.088	0.048	0.018	0.757	1.05	1
2	0.552	4.12	0.480B	3.86	2.76	0.214	0.513	0.055	0.038	0.050	1.47 A	0.849	2
3	0.482	2.02	0.440B	3.86	2.00	0.267	0.317	0.062	0.028	0.194	4.55	0.852	3
4	0.435	1.18 B	0.400B	5.79	1.63	0.224	0.242	0.080	0.048	0.155	4.61	0.759	4
5	0.409B	0.820B	0.370	5.85	1.26	0.165	0.183	0.059	0.063	0.268	3.67	0.612	5
6	0.385B	0.680B	0.372	3.77	1.02	0.115	0.262	0.045	0.042	0.435	5.81	0.522	6
7	0.367B	0.605B	0.376	2.82	0.891	0.099	0.163	0.044	0.032	0.338	7.55	0.500	7
8	0.348	0.550B	0.384	2.33	0.738	0.111	0.125	0.036	0.023	0.280	4.65	0.489	8
9	0.333	0.500B	0.477	2.35	0.822	0.104	0.099	0.023	0.020	0.253	3.68	0.463	9
10	0.322	0.465	0.880B	1.88	0.810	0.085	0.078	0.018	0.008	0.210	2.87	0.350B	10
11	0.313	0.432	0.880B	1.58	0.885	0.070	0.134	0.026	0.013	0.200	2.67	0.280B	11
12	0.310	0.411	0.800B	1.27	0.814	0.060	0.080	0.022	0.018	0.205	2.08	0.242	12
13	0.298B	0.388	0.634	1.18	0.462	0.035	0.049	0.008	0.008	0.228	1.85	0.183	13
14	0.298B	0.403	0.520	1.10	0.524	0.034	0.041	0.014	0.004	0.313	2.81	0.171	14
15	0.258B	0.451	0.480	1.05	0.486	0.028	0.035	0.034	0.003	0.222	2.45	0.155B	15
16	0.248B	0.525	0.547	1.03	0.406	0.025	0.032	0.041	0.002	0.180	1.85	0.150B	16
17	0.238B	0.531	0.688	0.941	0.344	0.024	0.022	0.037	0.003	0.201	1.75	0.144B	17
18	0.230B	0.536	0.775	0.911	0.810	0.011	0.026	0.031	0.053	0.166	1.46	0.144	18
19	0.380B	0.522	0.661	0.908	0.525	0.004	0.040	0.028	0.072	0.138	1.17	0.143	19
20	0.425B	0.624	0.558B	0.823	0.539	0.004	0.039	0.018	0.064	0.127	1.09	0.152	20
21	0.480B	0.640B	0.470B	0.752	0.812	0.021	0.034	0.011	0.084	0.127	1.23	0.320B	21
22	0.415B	0.88CB	0.400	0.677	0.751	0.027	0.036	0.007	0.084	0.237	1.28	0.290B	22
23	0.358B	1.11 B	0.330	0.611	0.615	0.050	0.027	0.003	0.047	0.892	1.14	0.254B	23
24	0.322B	1.06 B	1.14	0.805	0.501	0.044	0.024	0.006	0.041	1.53	1.01	0.234B	24
25	0.300B	0.950B	2.59	1.08	0.404	0.052	0.023	0.040	0.028	2.31	0.845	0.227B	25
26	0.280B	0.880B	5.23	1.03	0.351	0.145	0.021	0.080	0.024	2.23	0.805	0.211B	26
27	0.262B	0.701B	10.0	1.31	0.328	0.171	0.044	0.112	0.018	1.80	0.853	0.181B	27
28	0.245B	0.820	7.78	2.68	0.274	0.113	0.067	0.100	0.025	1.28	1.23	0.171B	28
29	0.228	0.858	4.82	7.82	0.267	0.175	0.044	0.082	0.023	1.25	1.47	0.160B	29
30	0.243B		4.09	7.27	0.271	0.386	0.056	0.074	0.019	1.10	1.24	0.148	30
31	2.01 B		5.80		0.273		0.088	0.083		0.908		0.139	31
TOTAL	12.386	29.110	54.573	71.986	25.870	3.090	3.581	1.346	0.832	17.746	71.290	10.848	TOTAL
MEAN	0.399	1.00	1.76	2.40	0.835	0.103	0.116	0.043	0.031	0.572	2.38	0.343	MEAN
MAX	2.01	5.67	10.0	7.82	4.20	0.386	0.619	0.112	0.072	2.31	7.55	1.05	MAX
MIN	0.228	0.386	0.330	0.611	0.267	0.004	0.021	0.003	0.002	0.018	0.767	0.139	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 0.827
MAXIMUM DAILY, 10.0 ON MAR 27
MINIMUM DAILY, 0.002 ON SEP 18
MAXIMUM INSTANTANEOUS,
11.1 AT 16:49 EST ON MAR 27

SUMMARY FOR THE YEAR 1988

TYPE OF GAUGE - RECORDING
LOCATION - LAT 45 19 37 N
LONG 74 38 39 W
DRAINAGE AREA, 85.4 km²
A - MANUAL GAUGE
B - ICE CONDITIONS

NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	1 070	JUL	308
FEB	2 530	AUG	118
MAR	4 720	SEP	80.5
APR	6 220	OCT	1 530
MAY	2 340	NOV	6 180
JUN	287	DEC	920

TOTAL DISCHARGE, 26 200 dam³

ROOT RIVER AT SAULT STE. MARIE - STATION NO. 02CA002

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1988

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	1.05 B	0.5818	0.5148	8.208	3.29	0.504	0.022	0.030	1.85	3.41	4.87	5.28	1
2	0.9858	0.5858	0.5128	8.408	2.86	0.480	0.023	0.032	1.49	5.85	4.50	4.28	2
3	0.9358	0.5908	0.5108	10.8 B	2.48	0.460	0.011	0.020	1.35	4.70	3.87	3.80	3
4	0.8908	0.5908	0.5088	16.7	2.22	0.357	0.010	0.028	1.89	4.08	4.08	3.14	4
5	0.8638	0.5908	0.5048	19.6	1.91	0.307	0.010	0.084	1.58	3.51	22.8	2.71	5
6	0.8158	0.5768	0.5018	32.9	1.63	0.275	0.010	0.130	1.31	2.89	28.0	2.49	6
7	0.7818	0.5648	0.5008	28.3	1.40	0.268	0.010	0.145	1.11	2.51	14.8	2.24	7
8	0.7598	0.5508	0.4988	23.5	1.27	0.267	0.011	0.141	0.988	2.12	9.58	1.94	8
9	0.7358	0.5508	0.4988	18.5	1.31	0.276	0.020	0.127	0.815	1.81	7.17	1.91	9
10	0.7208	0.5458	0.4948	15.2	1.76	0.233	0.028	0.100	0.782	2.26	6.11	1.868	10
11	0.7008	0.5428	0.4908	12.6	1.48	0.201	0.026	0.077	0.838	2.84	5.70	1.788	11
12	0.6808	0.5408	0.4868	11.7	1.37	0.178	0.009	0.508	0.818	2.27	4.87	1.788	12
13	0.6688	0.5388	0.4828	12.2	3.22	0.157	0.024	3.93	0.799	1.92	5.13	1.798	13
14	0.6588	0.5388	0.4818	11.0	2.88	0.125	0.032	8.30	0.782	1.73	5.75	1.788	14
15	0.8438	0.5288	0.4808	7.84	3.22	0.093	0.034	8.80	0.854	1.61	5.58	1.708	15
16	0.6358	0.5278	0.4798	5.18	3.36	0.084	0.082	4.78	0.574	1.82	8.70	1.898	16
17	0.8258	0.5258	0.4778	5.70	2.81	0.055	0.040	8.88	0.579	3.81	10.7	1.808	17
18	0.6158	0.5238	0.4728	5.70	2.13	0.039	0.038	5.82	0.618	5.34	7.82	1.528	18
19	0.8058	0.5228	0.4708	5.25	1.81	0.038	0.029	3.78	0.802	4.83	6.00	1.438	19
20	0.5998	0.5228	0.4688	4.35	1.82	0.048	0.026	2.80	3.78	3.72	5.34	1.458	20
21	0.5958	0.5228	0.4658	3.81	1.81	0.035	0.028	1.77	3.80	3.18	4.86	1.438	21
22	0.5858	0.5228	0.4628	3.81	1.38	0.030	0.032	1.28	2.82	2.82	4.02	1.458	22
23	0.5808	0.5228	0.4618	4.34	1.21	0.035	0.034	1.12	2.62	2.85	3.59	1.488	23
24	0.5788	0.5228	0.4608	4.26	1.10	0.040	0.028	1.05	2.23	3.14	3.31	1.488	24
25	0.5688	0.5228	0.4708	4.20	0.985	0.058	0.027	1.70	1.88	3.98	3.24	1.488	25
26	0.5628	0.5208	0.6208	4.48	0.891	0.068	0.025	2.28	1.88	4.74	4.13	1.428	26
27	0.5608	0.5188	0.5208	4.42	0.874	0.080	0.017	2.81	4.85	5.08	17.8	1.378	27
28	0.5588	0.5188	1.43 B	3.82	0.887	0.050	0.018	8.84	4.22	9.27	15.7	1.338	28
29	0.5548	0.5168	2.00 B	3.89	0.783	0.040	0.018	5.85	3.00	8.33	9.85	1.318	29
30	0.5488		2.72 B	3.58	0.685	0.031	0.033	3.44	2.47	5.77	6.85	1.278	30
31	0.5708		4.37 B		0.573		0.030	2.42		4.86		1.248	31
TOTAL	21.219	15.717	24.203	306.23	84.626	4.810	0.785	78.001	52.377	115.35	247.22	61.19	TOTAL
MEAN	0.684	0.542	0.781	10.2	1.77	0.180	0.025	2.55	1.75	3.75	8.24	1.97	MEAN
MAX	1.05	0.590	4.37	32.9	3.36	0.504	0.082	8.84	4.85	9.27	28.0	5.25	MAX
MIN	0.548	0.518	0.480	3.58	0.573	0.030	0.009	0.020	0.574	1.81	3.24	1.24	MIN

SUMMARY FOR THE YEAR 1988

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 2.69
MAXIMUM DAILY, 32.9 ON APR 6
MINIMUM DAILY, 0.009 ON JUL 12
MAXIMUM INSTANTANEOUS,
39.9 AT 17:04 EST ON APR 6

TYPE OF GAUGE - RECORDING
LOCATION - LAT 46 33 49 N
LONG 84 16 55 W
DRAINAGE AREA, 108 km²

B - ICE CONDITIONS

NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	1 830	JUL	67.8
FEB	1 350	AUG	8 830
MAR	2 080	SEP	4 530
APR	26 500	OCT	10 100
MAY	4 740	NOV	21 400
JUN	416	DEC	5 290

TOTAL DISCHARGE, 85 200 dam³

ROSEBERRY RIVER ABOVE ROSEBERRY LAKES - STATION NO. 04CA003

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1988

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	2.09	1.808	1.518	1.578	5.37	5.73	2.78	2.28	1.40	5.07	3.70	2.908	1
2	2.08	1.598	1.518	1.608	7.31	5.80	2.66	2.26	1.38	5.87	3.82	2.88	2
3	2.05	1.598	1.518	1.628	6.15	5.04	2.83	2.22	1.44	5.82	3.82	2.82	3
4	2.08	1.588	1.508	1.678	5.48	4.72	2.81	2.24	1.41	5.70	3.80	2.77	4
5	2.00	1.588	1.508	1.728	5.58	4.42	2.79	2.20	1.39	5.73	3.42	2.68	5
6	1.99	1.588	1.508	1.778	5.83	4.18	2.72	2.18	1.48	5.82	3.32	2.84	6
7	1.95	1.578	1.508	1.838	5.42	3.83	2.73	2.09	1.83	5.84	3.15	2.84	7
8	1.918	1.578	1.508	1.908	5.87	3.27	2.89	2.08	1.47	5.38	3.14	2.538	8
9	1.888	1.578	1.508	1.998	10.7	3.01	2.61	1.98	1.49	5.35	3.08	2.448	9
10	1.898	1.578	1.498	2.078	12.1	2.87	2.42	1.89	1.47	5.32	2.89	2.42	10
11	1.838	1.588	1.488	2.178	13.0	2.75	2.30	1.77	1.47	5.15	2.82	2.37	11
12	1.778	1.588	1.488	2.27	12.8	2.61	2.24	1.70	1.49	5.04	2.76	2.308	12
13	1.788	1.588	1.488	2.48	12.4	2.40	2.28	1.69	1.46	4.94	2.78	2.278	13
14	1.788	1.558	1.488	2.80	12.0	2.30	2.27	1.63	1.48	4.83	2.79	2.238	14
15	1.738	1.558	1.488	2.74	10.7	2.17	2.23	1.62	1.58	4.78	2.76	2.188	15
16	1.718	1.548	1.468	2.88	10.3	2.02	2.21	1.62	1.84	4.88	3.03	2.178	16
17	1.708	1.548	1.488	3.09	9.87	1.86	2.18	1.50	1.82	4.85	3.008	2.138	17
18	1.708	1.538	1.488	3.26	9.35	2.01	2.15	1.40	1.86	4.40	2.988	2.108	18
19	1.688	1.538	1.488	3.41	8.58	2.07	2.13	1.35	2.32	4.32	2.888	2.078	19
20	1.688	1.538	1.488	3.48	8.25	2.18	2.04	1.31	2.72	4.26	2.878	2.038	20
21	1.678	1.538	1.488	3.52	8.20	2.23	1.70	1.22	3.47	4.21	2.888	1.988	21
22	1.668	1.528	1.488	3.52	8.09	2.17	1.63	1.20	4.28	4.21	2.87	1.878	22
23	1.658	1.528	1.488	3.80	7.87	2.05	1.84	1.25	4.85	4.15	2.88	1.938	23
24	1.658	1.528	1.478	3.75	7.28	2.11	1.81	1.28	5.41	4.11	2.82	1.888	24
25	1.648	1.528	1.478	3.88	7.10	2.21	1.81	1.33	5.54	4.07	2.848	1.858	25
26	1.638	1.518	1.468	4.19	6.82	2.34	1.89	1.39	5.85	4.10	3.008	1.838	26
27	1.628	1.518	1.488	4.52	6.53	2.51	1.83	1.41	5.76	4.01	2.938	1.798	27
28	1.628	1.518	1.508	4.83	6.15	2.84	1.96	1.39	5.87	3.91	2.928	1.778	28
29	1.618	1.518	1.518	5.57	6.01	2.84	2.03	1.42	5.83	3.89	2.918	1.738	29
30	1.608		1.528	5.17	5.84	2.73	2.17	1.40	5.15	3.78	2.908	1.708	30
31	1.608		1.548		5.72		2.26	1.42		3.77		1.688	31
TOTAL	55.18	44.80	46.28	89.78	270.34	88.87	70.28	51.71	85.38	147.53	91.89	68.88	TOTAL
MEAN	1.78	1.55	1.49	2.99	8.72	2.98	2.27	1.67	2.85	4.78	3.06	2.22	MEAN
MAX	2.09	1.80	1.54	5.17	13.0	5.73	2.83	2.28	5.15	5.07	3.70	2.90	MAX
MIN	1.60	1.51	1.47	1.57	5.72	1.88	1.63	1.20	1.38	3.77	2.78	1.68	MIN

SUMMARY FOR THE YEAR 1988

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 3.03
MAXIMUM DAILY, 13.0 ON MAY 11
MINIMUM DAILY, 1.20 ON AUG 22
MAXIMUM INSTANTANEOUS,
13.2 AT 18:54 EST ON MAY 11

TYPE OF GAUGE - RECORDING
LOCATION - LAT 82 38 20 N
LONG 82 32 15 W
DRAINAGE AREA, 619 km²

B - ICE CONDITIONS
E - ESTIMATED
NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	4 770	JUL	6 070
FEB	3 880	AUG	4 470
MAR	4 000	SEP	7 380
APR	7 760	OCT	12 700
MAY	23 400	NOV	7 940
JUN	7 650	DEC	5 930

TOTAL DISCHARGE, 86 000 dam³

ROUGE RIVER NEAR MARKHAM - STATION NO. 02HC022

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1988

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	1.11	1.80 B	0.700B	1.47	0.310	0.346	0.217	0.382	0.268E	0.478	0.633	0.650	1
2	0.730B	1.30 B	0.684B	1.43	0.887	0.318	0.233	0.405	0.258E	2.03	0.483	0.620	2
3	0.570B	1.10 B	0.662B	2.59	0.852	0.400	0.226	0.404	0.800E	1.45	0.477	0.582	3
4	0.460B	0.900B	0.678B	9.82	0.805	0.409	0.217	0.368	1.15 E	1.82	0.532	0.5208	4
5	0.455B	0.840B	0.600B	3.54	0.550	0.358	0.197	0.357	1.05 E	1.45	1.98	0.440B	5
6	0.440B	0.780B	1.20 B	2.38	0.537	0.317	0.209	0.305	0.800E	0.703	3.84	0.370B	6
7	0.435B	0.710B	1.80 B	2.23	0.483	0.349	0.181	0.284	0.380E	0.629	1.41	0.330B	7
8	0.425B	0.670B	3.00 B	2.15	0.457	0.388	0.181	0.278	0.280E	0.762	1.88	0.270B	8
9	0.415B	0.650B	5.00 B	1.93	0.492	0.291	0.181	0.284	0.350E	0.582	1.47	0.280B	9
10	0.410B	0.625B	5.22 B	1.68	0.511	0.204	0.201	0.292	0.420E	0.846	2.03	0.220B	10
11	0.402B	0.610B	5.70 E	1.42	0.481	0.203	0.224	0.282	0.320E	0.675	1.58	0.190B	11
12	0.400B	0.595B	4.12 E	1.04	0.437	0.240	0.248	0.262	0.280E	0.582	0.987	0.181B	12
13	0.388B	0.585B	2.82 E	0.700	0.434	0.261	0.223	0.236	0.295A	0.588	3.06	0.148B	13
14	0.380B	0.575B	2.29 E	1.17	0.423	0.260	0.232	0.229	0.307E	0.434	2.82	0.170B	14
15	0.385B	0.570B	1.93 E	1.44	0.508	0.236	0.220	0.288	0.278	0.417	1.41	0.198B	15
16	0.380B	1.10 B	1.46 E	1.30	2.78	0.238	0.290	0.242	0.263	0.428	1.18	0.185B	16
17	0.500B	1.00 B	1.10 E	1.14	7.02	0.241	0.724	0.243	2.48	0.520	1.57	0.175B	17
18	0.700B	0.800B	0.971E	1.15	2.12	0.232	0.406	0.222	0.820	2.88	0.883	0.188B	18
19	1.20 B	0.800B	0.897E	1.06	2.55	0.228	0.245	0.223	0.618	1.34	0.763	0.180B	19
20	2.50 B	0.920B	0.958E	0.885	2.53	0.222	0.216	0.231	0.592	0.745	1.38	0.245B	20
21	5.00 B	1.02 B	0.788E	0.824	2.40	0.225	0.328	0.239	0.418	0.708	2.58	0.210B	21
22	2.00 B	0.860B	0.707E	0.785	1.54	2.51	0.366	0.232	0.395	1.85	1.49	0.220B	22
23	1.50 B	0.820B	0.683E	0.749	1.13	1.07	0.342	0.300E	1.32	1.15	1.12	1.11 B	23
24	1.00 B	0.800B	2.58 E	0.742	0.876	0.460	0.345	0.440E	0.561	1.26	0.976	0.854	24
25	0.880B	0.770B	4.36	0.898	1.08	0.348	1.01	0.660E	0.414	1.04	0.890	0.675	25
26	0.800B	0.750B	7.73	0.756	0.683	0.272	2.16	0.500E	0.369	0.853	0.781	0.556	26
27	0.730B	0.740B	4.09	0.844	0.580	0.243	1.63	0.440E	0.763	0.674	0.876	1.15	27
28	0.700B	0.720B	1.87	0.855	0.502	0.236	0.524	0.370E	1.17	0.701	0.868	4.48	28
29	0.680B	0.710B	1.64	0.777	0.487	0.235	0.386	0.328E	0.802	0.598	0.735	1.50	29
30	0.640B		1.62	0.326	0.453	0.219	0.442	0.310E	0.388	0.536	0.681	0.900B	30
31	1.00 B		1.51		0.397		0.549	0.290E		0.518		0.847	31
TOTAL	27.635	24.200	70.857	47.858	35.048	11.580	13.185	8.934	17.877	29.155	40.855	18.429	TOTAL
MEAN	0.891	0.834	2.28	1.60	1.13	0.385	0.425	0.320	0.595	0.941	1.36	0.594	MEAN
MAX	5.00	1.80	7.73	9.82	7.02	2.51	2.16	0.660	2.48	2.88	3.84	4.48	MAX
MIN	0.380	0.570	0.683	0.326	0.310	0.203	0.181	0.222	0.258	0.417	0.477	0.145	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 0.945
MAXIMUM DAILY, 9.82 ON APR 4
MINIMUM DAILY, 0.145B ON DEC 13
MAXIMUM INSTANTANEOUS,
12.7 AT 06:40 EST ON APR 4

SUMMARY FOR THE YEAR 1988

TYPE OF GAUGE - RECORDING
LOCATION - LAT 43 51 30 N
LONG 79 13 55 W
DRAINAGE AREA, 185 km²
A - MANUAL GAUGE
B - ICE CONDITIONS
E - ESTIMATED
REGULATED SINCE 1968

MONTHLY TOTAL DISCHARGE
IN CUBIC DECAMETRES

JAN	2 390	JUL	1 140
FEB	2 090	AUG	885
MAR	6 100	SEP	1 540
APR	4 140	OCT	2 520
MAY	3 030	NOV	3 530
JUN	995	DEC	1 590

TOTAL DISCHARGE, 29 900 dam³

RUSCOM RIVER NEAR RUSCOM STATION - STATION NO. 02GH002

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1988

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	0.285B	0.800B	0.210B	0.389	0.103	0.018	0.004	0	0	0.005	0.071	0.178	1
2	0.255B	0.500B	0.225B	0.356	0.093	0.018	0.003	0	0	0.015	0.084	0.129	2
3	0.235B	0.350B	0.250B	0.478	0.084	0.020	0.002	0	0	0.022	0.088	0.123	3
4	0.215B	0.260B	0.230B	1.04	0.075	0.022	0.002	0	0.001	0.020	0.108	0.121	4
5	0.190B	0.210B	0.220B	0.888	0.074	0.015	0.001	0	0.001	0.014	0.520	0.105	5
6	0.180B	0.150B	0.285B	0.700	0.075	0.010	0	0.001	0	0.011	1.78	0.089	6
7	0.130B	0.170B	0.340B	1.39	0.058	0.008	0	0	0	0.008	1.34	0.087	7
8	0.115B	0.145B	0.680B	1.34	0.083	0.010	0	0	0	0.008	1.13	0.101	8
9	0.105B	0.132B	1.60 B	0.887	0.075	0.008	0	0	0	0.007	0.713	0.071	9
10	0.100B	0.120B	1.51	0.830	0.101	0.008	0	0	0	0.015	1.38	0.068	10
11	0.087B	0.114B	1.15	0.517	0.078	0.007	0.001	0.001	0	0.029	1.43	0.058	11
12	0.084B	0.108B	1.34	0.394	0.068	0.008	0.001	0.001	0.005	0.029	0.825	0.047	12
13	0.110B	0.103B	2.26	0.313	0.052	0.008	0	0.001	0.004	0.025	3.18	0.038	13
14	0.123B	0.100B	1.25	0.271	0.050	0.008	0	0.001	0.001	0.023	2.87	0.043	14
15	0.080B	0.125B	0.805	0.221	0.045	0.008	0	0.001	0.010	0.021	1.13	0.053	15
16	0.085B	0.180B	0.564	0.183	0.082	0.008	0	0	0.004	0.017	0.919	0.085	16
17	0.400B	0.195B	0.388	0.181	0.068	0.008	0.001	0	0.002	0.010	1.35	0.051	17
18	1.15 B	0.260B	0.488	0.181	0.048	0.007	0	0	0.001	3.43	0.718	0.045	18
19	0.800B	0.340B	0.635	0.158	0.043	0.008	0	0	0	1.18	0.414	0.0438	19
20	1.00 B	0.420B	0.586	0.130	0.050	0.008	0	0	0.001	0.272	1.44	0.076	20
21	0.520B	0.800B	0.383	0.127	0.080	0.008	0	0	0.001	0.112	5.84	0.320	21
22	0.300B	1.15 B	0.298	0.117	0.051	0.008	0	0	0.001	0.085	1.73	0.182	22
23	0.260B	2.30 B	0.389	0.137	0.042	0.010	0	0	0.148	0.100	0.853	0.433	23
24	0.200B	0.640B	1.87	0.147	0.040	0.008	0	0	0.589	0.401	0.637	0.882	24
25	0.150B	0.580B	4.33	0.114	0.034	0.009	0	0	0.148	0.303	0.483	0.500B	25
26	0.125B	0.430B	3.53	0.088	0.030	0.007	0	0	0.058	0.177	0.390	0.380B	26
27	0.110B	0.350B	1.45	0.105	0.024	0.005	0	0	0.031	0.117	0.383	1.17	27
28	0.105B	0.275B	0.843	0.153	0.029	0.008	0	0	0.018	0.249	0.289	8.85	28
29	0.100B	0.245B	0.576	0.173	0.048	0.007	0	0	0.015	0.388	0.218	3.42	29
30	0.140B		0.557	0.127	0.060	0.005	0	0	0.010	0.388	0.173	1.53	30
31	0.255B		0.488		0.022		0	0		0.070		0.719	31
TOTAL	7.984	11.552	30.202	11.907	1.801	0.278	0.018	0.008	1.030	7.582	32.377	18.569	TOTAL
MEAN	0.257	0.398	0.974	0.397	0.058	0.009	0	0	0.034	0.244	1.08	0.631	MEAN
MAX	1.15	2.30	4.33	1.39	0.103	0.022	0.004	0.001	0.589	3.43	5.84	8.85	MAX
MIN	0.085	0.100	0.210	0.088	0.022	0.005	0	0	0	0.005	0.071	0.038	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 0.338
MAXIMUM DAILY, 8.85 ON DEC 28
MINIMUM DAILY, 0 ON JUL 6
MAXIMUM INSTANTANEOUS,
11.1 AT 09:32 EST ON DEC 28

SUMMARY FOR THE YEAR 1988

TYPE OF GAUGE - RECORDING
LOCATION - LAT 42 13 54 N
LONG 82 37 00 W
DRAINAGE AREA, 125 km²

B - ICE CONDITIONS

NATURAL FLOW

MONTHLY TOTAL DISCHARGE
IN CUBIC DECAMETRES

JAN	988	JUL	1.30
FEB	998	AUG	0.52
MAR	2 810	SEP	89.0
APR	1 030	OCT	853
MAY	158	NOV	2 800
JUN	24.0	DEC	1 890

TOTAL DISCHARGE, 10 700 dam³

SACHIGO RIVER BELOW OUTLET OF SACHIGO LAKE - STATION NO. 04CD002

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1988

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	27.5	21.7	17.0	14.2	15.0	40.5	42.5E	31.5	22.7	24.1	27.1	28.1	1
2	27.3	21.8	16.9	13.9	16.4	42.0	42.0E	30.9	21.3	25.3	27.0	26.0	2
3	27.1	21.4	16.7	13.7	17.1	42.1	41.8E	31.5	21.4	23.1	27.0	25.5	3
4	26.7	21.3	16.5	14.0	18.0	43.0	41.4E	30.9	20.5	25.9	27.2	25.5	4
5	25.5	21.1	16.5	14.1	19.5	44.5	41.0E	31.4	20.5	27.2	27.1	25.5	5
6	25.5	21.0	16.3	13.9	20.4	44.4	40.7E	30.5	21.2	27.0	27.0	25.5	6
7	26.0	20.8	16.2	13.3	21.3	44.9	40.3E	31.0	22.9	26.7	27.1	25.3	7
8	25.7	20.3	16.2	13.4	22.2	45.7	40.0E	29.4	22.0	26.7	27.2	25.2	8
9	25.5	20.0	15.8	13.4	23.0	46.7	39.6E	30.0	20.3	26.0	27.2	24.7	9
10	25.3	19.8	15.6	13.6	23.4	46.8	39.2E	28.7	19.1	22.3	26.8	24.7	10
11	25.1	19.7	15.6	13.5	24.7	46.9	38.8E	28.7	19.7	25.1	26.9	24.6	11
12	24.8	19.7	15.3	13.6	24.5	46.0	38.4E	28.0	19.8	27.0	27.0	24.9	12
13	24.6	19.4	15.2	12.9	28.2	46.6	38.1E	28.0	19.8	27.3	27.1	24.4	13
14	24.3	19.0	15.0	12.7	26.4	45.7	37.7E	27.7	19.7	27.3	26.9	24.1	14
15	24.1	19.0	15.0	13.3	25.8	44.8	37.3E	25.8	20.6	27.4	26.8	24.0	15
16	24.1	19.2	15.0	13.0	28.2	46.5	37.0E	25.1	20.3	28.4	26.8	24.0	16
17	24.1	19.1	14.7	12.3	29.0	46.8	36.6E	25.5	19.9	25.9	26.8	23.8	17
18	23.9	18.9	14.4	12.8	28.8	46.3	36.1E	25.3	19.0	27.2	26.7	23.6	18
19	23.6	18.4	14.4	12.8	29.3	46.8	35.7E	25.1	18.7	26.9	27.0	23.2	19
20	23.4	18.6	14.2	12.8	30.9	46.3	35.3E	24.8	19.5	29.4	27.0	22.7	20
21	23.1	18.4	14.2	12.5	32.5	46.2	34.8	25.2	21.7	24.7	27.0	23.1	21
22	23.0	18.1	14.3	13.0	32.7	43.4	34.9	26.3	22.6	28.8	26.8	23.1	22
23	22.8	17.9	14.3	12.9	30.1	45.3	34.6	24.8	21.6	28.4	27.2	22.7	23
24	22.7	17.8	14.3	12.7	34.8	46.0	32.8	23.2	23.3	26.8	27.5	22.8	24
25	22.7	17.7	13.8	12.7	35.8	43.6	33.4	21.8	23.0	25.4	27.1	22.7	25
26	22.7	17.6	13.8	13.1	35.8	44.0	34.2	23.2	24.1	26.2	27.5	22.8	26
27	22.6	17.5	14.1	13.4	36.4	44.0E	33.1	22.6	24.4	26.9	26.3	22.4	27
28	22.2	18.9	14.1	13.5	37.7	43.5E	32.7	21.5	25.5	27.1	25.5	22.5	28
29	22.2	18.9	14.2	13.5	38.1	43.2E	32.1	22.1	26.2	27.1	26.2	22.0	29
30	22.0		14.2	14.7	37.3	42.8E	30.3	23.1	25.9	27.1	26.2	22.0	30
31	21.7		14.1		36.5		31.8	23.3		27.0		21.6	31
TOTAL	754.0	558.0	487.2	388.2	881.5	1 342.7	1 144.1	825.7	647.2	818.5	808.2	742.3	TOTAL
MEAN	24.3	19.3	15.1	13.3	27.6	44.8	36.9	26.6	21.6	26.4	26.9	23.9	MEAN
MAX	27.6	21.8	17.0	14.7	36.5	46.9	42.5	31.5	26.2	29.4	27.5	28.1	MAX
MIN	21.7	18.9	13.8	12.3	16.0	40.5	30.3	21.8	18.7	22.3	26.8	21.6	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 25.8
MAXIMUM DAILY, 46.9 ON JUN 11
MINIMUM DAILY, 12.3 ON APR 17
MAXIMUM INSTANTANEOUS,
46.0 AT 15:06 EST ON JUN 9

SUMMARY FOR THE YEAR 1988

TYPE OF GAUGE - RECORDING
LOCATION - LAT 53 50 40 N
LONG 92 08 50 W
DRAINAGE AREA, 4 270 km²

E - ESTIMATED
NATURAL FLOW

MONTHLY TOTAL DISCHARGE
IN CUBIC DECAMETRES

JAN	65 100	JUL	98 800
FEB	48 300	AUG	71 300
MAR	40 400	SEP	65 900
APR	34 800	OCT	70 700
MAY	74 400	NOV	69 700
JUN	116 000	DEC	64 100

TOTAL DISCHARGE, 805 000 dam³

SALMON RIVER NEAR SHANNONVILLE - STATION NO. 02HM003

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1988

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	15.4 B	14.1	7.628	48.7	11.4	4.54	0.874	0.477	0.103	0.098	1.72	8.04	1
2	14.5 B	15.8 B	7.62	45.1	11.1	4.22	0.830	0.441	0.100	0.115	1.59	7.82	2
3	13.8 B	13.0 B	7.62	46.6	10.4	3.84	0.588	0.429	0.098	0.155	1.50	7.32	3
4	13.1 B	11.9 B	7.25	54.2	9.71	3.72	0.552	0.389	0.098	0.185	1.43	7.01	4
5	11.9 B	10.8 B	6.72	54.9	9.21	3.58	0.493	0.348	0.098	0.228	1.40	6.44	5
6	8.978	10.2 B	6.74	53.9	8.81	3.59	0.443	0.284	0.080	0.287	1.85	6.22	6
7	10.2 B	10.2 B	7.13	51.8	8.38	3.27	0.421	0.274	0.078	0.318	2.38	6.34	7
8	10.8 B	10.7 B	7.15	49.8	7.90	3.02	0.398	0.243	0.084	0.349	2.57	6.14	8
9	10.8 B	10.7 B	8.18	47.4	7.62	2.79	0.384	0.224	0.095	0.346	2.82	5.698	9
10	9.90	10.5 B	12.1	44.9	7.27	2.61	0.347	0.203	0.080	0.379	2.91	4.338	10
11	9.80	9.038	12.6	42.3	8.88	2.28	0.325	0.181	0.080	0.387	3.23	3.738	11
12	9.66	8.978	10.5	39.9	8.48	2.13	0.318	0.138	0.087	0.383	3.25	3.448	12
13	9.85	10.4 B	9.58	37.6	8.20	2.01	0.310	0.176	0.078	0.362	3.24	3.628	13
14	7.548	10.4 B	8.14	35.6	5.82	1.83	0.291	0.141	0.071	0.365	4.25	4.008	14
15	6.768	11.8 B	8.83	33.7	5.29	1.70	0.254	0.118	0.070	0.386	4.88	4.248	15
16	7.208	11.4 B	9.08	30.9	5.20	1.60	0.248	0.112	0.082	0.313	4.81	3.538	16
17	7.438	10.9	8.81	28.5	5.05	1.48	0.257	0.105	0.082	0.346	5.06	3.458	17
18	7.68	10.4 E	10.3	26.7	5.15	1.28	0.231	0.088	0.083	0.437	5.49	3.818	18
19	8.70	9.508	9.84	24.4	5.18	1.16	0.214	0.088	0.086	0.478	5.38	3.838	19
20	11.1	10.1	9.01	22.1	5.89	1.10	0.190	0.082	0.083	0.515	5.83	4.318	20
21	15.8	9.74	8.22	20.4	7.34	1.04	0.178	0.059	0.088	0.588	5.22	5.28	21
22	12.0	9.538	7.65	18.7	7.81	1.03	0.135	0.053	0.072	0.681	5.46	5.00	22
23	10.6	12.2	7.57E	17.3	7.56	0.988	0.108	0.051	0.081	1.00	5.31	4.78	23
24	9.48	11.3 B	15.8	16.2	7.10	0.841	0.139	0.052	0.088	1.22	5.27	4.89	24
25	8.89	10.3 B	25.1	15.2	6.49	0.817	0.331	0.081	0.089	1.45	5.09	5.03	25
26	7.81	9.838	58.4 B	14.0	6.18	0.820	0.388	0.088	0.088	1.71	5.81	4.88	26
27	5.808	9.288	74.2	13.1	6.00	0.803	0.480	0.084	0.106	1.88	5.88	4.34	27
28	5.848	8.838	63.5	12.6	5.78	0.758	0.586	0.071	0.123	1.86	5.84	5.83	28
29	5.718	8.83	55.5	12.3	5.50	0.703	0.807	0.080	0.087	1.91	5.78	7.05	29
30	5.75		49.9	11.8	5.18	0.681	0.858	0.081	0.101	1.90	5.36	8.43	30
31	9.40		46.6		4.84		0.498	0.103		1.78		8.48	31
TOTAL	304.17	310.04	590.17	987.8	223.35	60.208	11.484	5.248	2.548	21.925	125.65	184.12	TOTAL
MEAN	9.81	10.7	19.0	32.3	7.20	2.01	0.370	0.169	0.085	0.707	5.19	5.29	MEAN
MAX	15.4	15.8	74.2	54.9	11.4	4.54	0.874	0.477	0.123	1.91	5.48	8.04	MAX
MIN	5.80	8.83	8.72	11.8	4.84	0.681	0.108	0.051	0.082	0.098	1.40	3.44	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 7.70
MAXIMUM DAILY, 74.2 ON MAR 27
MINIMUM DAILY, 0.051 ON AUG 23
MAXIMUM INSTANTANEOUS,
77.3 AT 07:19 EST ON MAR 27

SUMMARY FOR THE YEAR 1988

TYPE OF GAUGE - RECORDING
LOCATION - LAT 44 12 28 N
LONG 77 12 35 W
DRAINAGE AREA, 891 km²

B - ICE CONDITIONS
E - ESTIMATED
REGULATED

MONTHLY TOTAL DISCHARGE
IN CUBIC DECAMETRES

JAN	28 300	JUL	992
FEB	26 800	AUG	453
MAR	51 000	SEP	220
APR	83 800	OCT	1 890
MAY	19 300	NOV	13 400
JUN	5 200	DEC	14 200

TOTAL DISCHARGE, 243 000 dam³

SALVESEN LAKE NEAR OUTLET - STATION NO. 05QE011

DAILY WATER LEVEL IN METRES FOR 1988

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	0.177	0.178	0.170	0.203	0.534	0.476	0.300	0.373	0.298	0.284	0.314	0.381	1
2	0.177	0.188	0.168	0.204	0.538	0.467	0.298	0.373	0.297	0.283	0.317	0.388	2
3	0.182	0.171	0.164	0.204	0.536	0.460	0.297	0.385	0.296	0.284	0.318	0.390	3
4	0.176	0.167	0.185	0.208	0.532	0.453	0.298	0.384	0.295	0.284	0.322	0.390	4
5	0.174	0.166	0.171	0.207	0.533	0.448	0.311	0.358	0.283	0.282	0.319	0.390	5
6	0.173	0.185	0.187	0.212	0.533	0.443	0.348	0.380	0.277	0.282	0.320	0.381	6
7	0.178	0.188	0.187	0.220	0.537	0.435	0.370	0.354	0.277	0.285	0.324	0.388	7
8	0.181	0.185	0.184	0.239	0.535	0.418	0.371	0.348	0.274	0.288	0.328	0.384	8
9	0.181	0.184	0.195	0.283	0.535	0.404	0.368	0.348	0.269	0.284	0.329	0.378	9
10	0.187	0.181	0.187	0.288	0.529	0.399	0.380	0.343	0.261	0.282	0.330	0.374	10
11	0.188	0.180	0.187	0.318	0.530	0.395	0.358	0.343	0.281	0.280	0.331	0.372	11
12	0.186	0.181	0.178	0.352	0.531	0.392	0.352	0.346	0.304	0.278	0.334	0.382	12
13	0.183	0.183	0.175	0.383	0.530	0.387	0.358	0.337	0.302	0.278	0.338	0.380	13
14	0.180	0.173	0.174	0.409	0.531	0.385	0.359	0.335	0.301	0.281	0.339	0.388	14
15	0.188	0.171	0.176	0.430	0.529	0.388	0.363	0.332	0.295	0.283	0.353	0.378	15
16	0.187	0.172	0.178	0.452	0.523	0.389	0.361	0.331	0.287	0.288	0.372	0.378	16
17	0.200	0.171	0.178	0.467	0.524	0.380	0.358	0.328	0.284	0.286	0.377	0.381	17
18	0.194	0.173	0.178	0.480	0.524	0.375	0.355	0.318	0.284	0.286	0.378	0.382	18
19	0.187	0.178	0.173	0.491	0.521	0.368	0.357	0.318	0.295	0.287	0.378	0.387	19
20	0.184	0.188	0.188	0.493	0.520	0.364	0.358	0.318	0.291	0.289	0.378	0.388	20
21	0.180	0.188	0.171	0.487	0.518	0.358	0.355	0.311	0.289	0.288	0.377	0.382	21
22	0.183	0.173	0.178	0.489	0.518	0.347	0.354	0.304	0.288	0.291	0.378	0.388	22
23	0.188	0.171	0.178	0.502	0.518	0.337	0.353	0.307	0.286	0.295	0.381	0.388	23
24	0.187	0.188	0.185	0.507	0.508	0.333	0.349	0.321	0.290	0.292	0.384	0.385	24
25	0.183	0.187	0.205	0.510	0.500	0.332	0.350	0.319	0.286	0.292	0.387	0.382	25
26	0.180	0.170	0.206	0.513	0.488	0.331	0.349	0.317	0.290	0.293	0.387	0.388	26
27	0.180	0.171	0.202	0.517	0.493	0.329	0.354	0.319	0.286	0.300	0.385	0.393	27
28	0.178	0.178	0.207	0.522	0.493	0.324	0.356	0.310	0.286	0.303	0.381	0.394	28
29	0.183	0.172	0.206	0.526	0.488	0.313	0.372	0.308	0.284	0.305	0.381	0.388	29
30	0.184		0.201	0.531	0.487	0.308	0.373	0.306	0.285	0.306	0.382	0.389	30
31	0.181		0.198		0.481		0.372	0.304		0.310		0.389	31
MEAN	0.184	0.189	0.184	0.388	0.519	0.385	0.348	0.333	0.288	0.289	0.354	0.386	MEAN
MAX	0.200	0.178	0.207	0.531	0.538	0.476	0.373	0.373	0.304	0.310	0.387	0.388	MAX
MIN	0.173	0.180	0.164	0.203	0.481	0.308	0.298	0.304	0.269	0.278	0.314	0.372	MIN

SUMMARY FOR THE YEAR 1988

WATER LEVELS IN METRES

MEAN, 0.319
MAXIMUM DAILY, 0.538 ON MAY 2
MINIMUM DAILY, 0.180 ON FEB 11

TYPE OF GAUGE - RECORDING
LOCATION - LAT 50 21 18 N
LONG 94 26 33 W

WATER LEVELS ARE REFERRED TO ASSUMED DATUM

SAUBLE RIVER ABOVE TARA - STATION NO. 02FA005

DAILY WATER LEVEL IN METRES FOR 1988

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	1.043	2.120	1.101	---	1.043	0.914	0.845	0.830	0.837	0.883	1.231	1.170	1
2	1.021	1.742	1.092	---	1.028	0.911	0.842	0.825	0.820	0.946	1.202	1.143	2
3	1.012	1.533	1.078	---	1.008	0.908	0.838	0.824	0.817	1.002	1.157	1.126	3
4	1.014	1.333	1.088	---	0.982	0.900	0.838	0.819	0.880	0.984	1.129	1.105	4
5	0.983	1.286	1.087	---	0.983	0.887	0.832	0.811	0.887	1.048	1.133	1.072	5
6	0.978	1.153	1.048	---	0.972	0.883	0.831	0.824	0.854	1.033	1.139	1.084	6
7	0.977	1.138	1.048	---	0.962	0.881	0.824	0.834	0.911	1.004	1.108	1.046	7
8	0.988	1.084	1.058	1.208A	0.951	0.883	0.825	0.828	0.888	0.992	1.092	1.031	8
9	0.988	1.087	1.227	1.185	0.952	0.882	0.820	0.826	0.875	0.984	1.128	1.022	9
10	1.001	1.087	1.420	1.127	0.987	0.888	0.821	0.815	0.870	0.966	1.852	1.007	10
11	1.000	1.080	1.528	1.087	1.010	0.885	0.841	0.823	0.881	1.138	1.845	1.002	11
12	0.998	1.087	1.531	1.073	0.984	0.882	0.854	0.827	0.854	1.159	1.838	0.985	12
13	0.988	1.080	1.528	1.064	0.980	0.878	0.850	0.843	0.880	1.087	1.801	0.977	13
14	0.996	1.088	1.371	1.061	0.973	0.871	0.847	0.850	0.862	1.028	1.562	0.978	14
15	1.005	1.088	1.318	1.074	0.988	0.884	0.839	0.855	0.858	1.000	1.423	0.983	15
16	1.004	1.207	1.245	1.088	1.024	0.882	0.840	0.848	0.852	0.972	1.334	0.986	16
17	1.011	1.227	1.243A	1.082	1.008	0.881	0.844	0.858	0.854	0.958	1.258	0.985	17
18	1.214	1.227	---	1.078	0.988	0.857	0.840	0.853	0.856	1.173	1.183	0.987	18
19	1.324	1.225	---	1.071	0.981	0.855	0.832	0.858	0.853	1.180	1.145	0.988	19
20	1.408	1.214	---	1.080	1.000	0.855	0.828	0.842	0.881	1.085	1.119	1.110	20
21	1.512	1.178	---	1.045	1.152	0.851	0.828	0.831	0.888	1.082	1.127	1.847	21
22	1.418	1.144	---	1.028	1.120	0.868	0.822	0.823	0.884	1.052	1.117	1.410	22
23	1.350	1.138	---	1.021	1.077	0.888	0.821	0.827	0.899	1.038	1.089	1.428	23
24	1.271	1.180	---	1.052	1.038	0.881	0.818	0.831	0.928	1.048	1.081	1.432	24
25	1.210	1.183	---	1.058	1.007	0.868	0.820	0.826	0.908	1.222	1.088	1.338	25
26	1.189	1.158	---	1.040	0.980	0.880	0.828	0.848	0.887	1.403	1.085	1.280	26
27	1.119	1.144	---	1.027	0.980	0.854	0.828	0.849	0.872	1.380	1.086	1.278	27
28	1.091	1.127	---	1.036	0.941	0.848	0.823	0.857	0.871	1.353	1.086	1.818	28
29	1.072	1.111	---	1.034	0.935	0.844	0.823	0.845	0.884	1.335	1.080	1.380	29
30	1.176		---	1.048	0.933	0.848	0.828	0.835	0.857	1.261	1.103	1.364	30
31	1.885		---		0.920		0.830	0.827		1.222		1.269	31
MEAN	1.137	1.221	---	---	0.997	0.875	0.832	0.838	0.872	1.097	1.231	1.184	MEAN
MAX	1.885	2.120	---	---	1.152	0.914	0.854	0.863	0.957	1.403	1.845	1.847	MAX
MIN	0.977	1.088	---	---	0.920	0.844	0.818	0.811	0.817	0.883	1.058	0.977	MIN

SUMMARY FOR THE YEAR 1988

WATER LEVELS IN METRES

MINIMUM DAILY, 0.811 ON AUG 5

TYPE OF GAUGE - RECORDING
LOCATION - LAT 44 27 44 N
LONG 81 08 55 W

A - MANUAL GAUGE

NATURAL FLOW

DRAINAGE AREA, 233 km²

WATER LEVELS ARE REFERRED TO ASSUMED DATUM

REMARKS - STATION ACTIVATED NOV 1987

SAUBLE RIVER AT ALLENFORD - STATION NO. 02FA004

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1988

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	3.73	49.4 B	3.538	12.7	3.26	0.842	0.288E	0.312	0.331	0.385	7.86	7.21	1
2	3.88	23.0 B	3.448	10.4	2.84	0.784	0.302E	0.311	0.294	2.73	7.78	8.38	2
3	3.00	13.6 B	3.368	10.4	2.50	0.734	0.320E	0.351	0.273	3.07	8.12	8.46	3
4	2.808	8.808	3.328	10.1	2.24	0.693	0.334E	0.326	0.369	2.57	4.97	4.86	4
5	2.498	7.468	3.308	8.34	2.06	0.659	0.384E	0.311	1.68	3.47	5.29	4.15	5
6	2.388	5.048	3.278	8.33	1.88	0.624	0.338A	0.291	2.19	3.56	5.88	3.73	6
7	2.328	4.108	3.248	7.42	1.71	0.622	0.318	0.273	1.71	2.76	4.88	3.42	7
8	2.288	3.738	3.188	7.28	1.58	0.618	0.301	0.280	1.13	2.04	4.02	3.14	8
9	2.268	3.428	11.1	8.57	1.82	0.635	0.301	0.308	0.782	1.70	4.84	2.88	9
10	2.228	3.358	28.8	8.78	2.61	0.628	0.284	0.293	0.824	1.88	27.8	2.46	10
11	2.198	3.278	27.4	4.87	2.83	0.572	0.303	0.278	0.489	5.84	42.4	2.208	11
12	2.188	3.208	21.3	4.26	2.57	0.568	0.353	0.290	0.416	8.38	21.7	2.028	12
13	2.178	3.158	14.3	3.83	2.16	0.519	0.380	0.321	0.438	5.18	20.1	1.848	13
14	2.298	3.088	12.4	3.67	1.98	0.488	0.388	0.401	0.384	3.02	20.4	2.048	14
15	2.508	3.408	10.8	4.61	1.85	0.384	0.393	0.464	0.342	2.14	12.6	1.948	15
16	2.728	4.298	9.19	4.38	2.78	0.344	0.435	0.448	0.331	1.84	8.84	1.888	16
17	3.118	5.848	8.77	3.88	2.88	0.332	0.435	0.508	0.345	1.38	8.04	1.848	17
18	3.488	6.608	7.63	4.38	2.48	0.316	0.430	0.523	0.357	7.04	8.48	1.798	18
19	5.608	6.388	7.31	4.41	2.18	0.308	0.404	0.483	0.349	8.42	8.17	1.788	19
20	12.2 B	6.088	6.62	4.06	2.24	0.292	0.384	0.458	0.384	4.96	4.62	8.908	20
21	17.2 B	5.868	6.21	3.82	8.42	0.286	0.413	0.348	0.371	3.52	5.06	31.8	21
22	13.3 B	5.408	6.36	3.20	6.19	0.330	0.350	0.308	0.378	3.11	4.88	17.0	22
23	8.208	5.088	6.58	3.00	4.34	0.406	0.214	0.314	0.848	2.78	4.38	15.1	23
24	6.488	4.758	17.9	3.62	3.15	0.484	0.326	0.300	0.704	3.33	3.96	15.8	24
25	5.088	4.528	41.8	3.78	2.44	0.388	0.378	0.310	0.818	8.75	3.62	12.4	25
26	4.248	4.288	57.1	3.31	2.04	0.327	0.338	0.413	0.741	17.0	3.32	8.868	26
27	3.738	4.048	46.3	2.99	1.70	0.313E	0.298	0.421	0.606	15.7	3.84	7.748	27
28	3.248	3.828	23.3	3.16	1.40	0.308E	0.298	0.382	0.488	11.7	3.78	22.2	28
29	2.928	3.888	22.1	3.21	1.22	0.297E	0.285	0.378	0.418	10.3	4.28	14.0	29
30	3.988		24.1	3.33	1.11	0.291E	0.258	0.351	0.382	8.30	5.37	10.3 B	30
31	6.108		17.6		1.01		0.299	0.342		7.30		8.278	31
TOTAL	142.05	208.36	469.72	184.20	77.36	14.373	10.488	11.070	18.848	183.478	272.31	231.28	TOTAL
MEAN	4.58	7.22	14.8	5.47	2.50	0.478	0.338	0.357	0.618	5.27	9.08	7.46	MEAN
MAX	17.2	49.4	57.1	12.7	8.42	0.842	0.435	0.523	2.18	17.0	42.4	31.8	MAX
MIN	2.17	3.08	3.18	2.88	1.01	0.288	0.214	0.273	0.273	0.385	3.32	1.78	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 4.85
MAXIMUM DAILY, 57.1 ON MAR 26
MINIMUM DAILY, 0.214 ON JUL 23
MAXIMUM INSTANTANEOUS,
59.1 AT 00:49 EST ON MAR 26

SUMMARY FOR THE YEAR 1988

TYPE OF GAUGE - RECORDING
LOCATION - LAT 44 32 08 N
LONG 81 10 41 W
DRAINAGE AREA, 301 km²
A - MANUAL GAUGE
B - ICE CONDITIONS
E - ESTIMATED

MONTHLY TOTAL DISCHARGE
IN CUBIC DECAMETRES

JAN	12 300	JUL	907
FEB	18 100	AUG	858
MAR	39 700	SEP	1 800
APR	14 200	OCT	14 100
MAY	6 880	NOV	23 800
JUN	1 240	DEC	20 000

TOTAL DISCHARGE, 183 000 dam³

SAUBLE RIVER AT SAUBLE FALLS - STATION NO. 02FA001

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1988

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	19.8	72.4	16.4	48.3	14.4	3.46	1.88	1.13	1.16	2.49	18.8	20.8	1
2	17.8	67.4	16.0	42.7	13.8	3.27	1.81	1.09	1.08	3.80	20.1	20.1	2
3	17.8	48.8	15.8	48.3	12.7	3.14	1.84	1.01	1.08	8.82	18.8	18.7	3
4	18.7	36.2	14.8	50.4	11.8	2.88	1.88	1.01	1.24	8.40	17.2	17.7	4
5	16.1	28.8	14.3	48.3	9.83	2.88	1.78	1.23	2.44	7.28	17.8	18.7	5
6	16.1	24.8	13.7	42.8	7.84	2.78	1.76	1.34	3.87	7.84	18.2	15.8	6
7	14.8	23.2A	13.8	40.0	8.84	2.78	1.78	1.15	5.28	7.88	17.7	15.1	7
8	14.4	22.8E	13.8	38.2	8.30	2.80	1.78	1.06	4.37	8.88	17.2	14.8	8
9	14.3	22.3A	18.8	34.7	8.12	2.78	1.75	1.25	3.71	8.44	17.8	13.7	9
10	13.8	21.2	30.2	32.0	7.33	2.88	1.87	1.26	3.38	8.18	31.2	12.8	10
11	13.3	20.3	34.8	28.3	8.12	2.84	1.88	1.26	3.02	7.82	88.7	12.1	11
12	13.4	19.8	33.1	27.1	7.88	2.44	1.88	1.25	2.82	11.8	83.4	11.8	12
13	13.1	18.8	30.8	26.4	6.88	2.24	1.82	1.23	3.27	10.7	44.4	11.8	13
14	12.1	18.4	28.4	25.0	6.33	2.30	1.77	1.31	2.88	8.18	48.2	11.8	14
15	12.0	18.8	26.8	25.3	5.90	2.22	1.73	1.26	2.80	7.13	39.4	11.8	15
16	12.1	22.7	23.7	23.8	8.52	2.16	1.70	1.07	2.61	8.47	33.2	11.3	16
17	12.8	24.8	21.8	22.8	7.12	2.13	1.87	1.28	2.88	8.18	29.8	11.0	17
18	17.0	24.8	20.7	22.4	6.84	2.06	1.81	1.19	2.71	8.58	27.7	11.0	18
19	24.2	24.1	19.8	21.8	5.88	1.88	1.82	1.08	2.72	16.0	26.8	11.0	19
20	27.1	23.4	18.4	20.8	5.78	1.86	1.82	1.07	2.76	12.7	24.7	13.4	20
21	33.0	21.8	17.1	19.7	7.84	1.82	1.48	1.08	2.77	10.1	24.2	33.8	21
22	30.4	21.0	16.1	18.8	10.8	2.23	1.37	1.02	2.74	9.71	23.6	24.2	22
23	28.7	20.3	15.9	18.0	8.88	2.37	1.27	0.947	3.10	9.28	23.2	29.8	23
24	33.2	20.2	27.4	18.3	7.38	2.31	1.30	0.883	3.15	9.78	21.2	34.4	24
25	30.8	19.8	46.2	17.8	6.38	2.33	1.13	1.08	3.10	15.2	20.0	31.1	25
26	18.1	19.2	80.8	18.4	5.81	2.28	1.12	1.28	3.17	24.6	19.0	28.0	26
27	17.8	18.6	88.3	16.7	4.88	2.16	1.18	1.40	3.08	28.1	18.9	24.4	27
28	18.8	17.8	77.4	15.8	4.80	2.08	1.13	1.40	2.88	24.2	18.8	38.3	28
29	18.0	17.3	58.1	15.4	4.18	2.04	1.10	1.30	2.70	22.7	18.2	37.8	29
30	17.8		53.8	15.1	3.88	2.00	1.11	1.24	2.84	20.3	18.3	31.2	30
31	43.0		58.4		3.82		1.08	1.18		18.7		29.0	31
TOTAL	681.1	758.4	884.7	837.7	230.37	73.38	47.82	38.480	84.88	350.80	783.5	833.4	TOTAL
MEAN	18.7	26.2	31.8	27.9	7.43	2.45	1.54	1.18	2.83	11.3	25.1	30.4	MEAN
MAX	43.0	72.4	88.3	50.4	14.4	3.46	1.88	1.40	5.28	28.1	88.7	38.3	MAX
MIN	12.0	17.3	13.8	15.1	3.82	1.82	1.08	0.947	1.08	2.49	17.2	11.8	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 14.8
MAXIMUM DAILY, 88.3 ON MAR 27
MINIMUM DAILY, 0.947 ON AUG 23
MAXIMUM INSTANTANEOUS,
88.0 AT 09:47 EST ON MAR 27

SUMMARY FOR THE YEAR 1988

TYPE OF GAUGE - RECORDING
LOCATION - LAT 44 40 10 N
LONG 81 15 10 W
DRAINAGE AREA, 827 km²
A - MANUAL GAUGE

E - ESTIMATED
NATURAL FLOW

MONTHLY TOTAL DISCHARGE
IN CUBIC DECAMETRES

JAN	50 200	JUL	4 130
FEB	85 600	AUG	3 180
MAR	88 100	SEP	7 330
APR	72 400	OCT	30 300
MAY	19 800	NOV	67 700
JUN	8 340	DEC	54 700

TOTAL DISCHARGE, 487 000 dam³

SAUGEEN RIVER ABOVE DURHAM - STATION NO. 02FC018

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1988

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	4.25	28.6 B	3.578	22.6	5.86	1.02	0.505	0.518	0.303	0.424	2.61	4.01	1
2	4.088	26.3 B	3.30	17.3	4.80	0.828	0.488	0.448	0.281	0.830	2.41	3.56	2
3	3.828	20 B	3.27	17.2	3.88	0.852	0 481	0.388	0.337	1.14	2.30	3.208	3
4	3.088	12.4 B	3.178	22.5	3.43	0.788	0.444	0.316	0.804	1.14	2.24	2.818	4
5	3.828	8.028	3.028	22.4	2.99	0.783	0.402	0.327	1.09	1.22	2.33	2.608	5
6	2.678	8.858	2.85	17.4	2.78	0.741	0.392	0.484	0.887	1.35	3.14	2.508	6
7	2.608	6.108	2.77	13.3	2.65	1.04	0.348	0.378	0.747	1.28	3.96	2.408	7
8	2.538	4.238	2.76	10.5	2.36	1.02	0.308	0.381	0.853	1.21	3.79	2.308	8
9	2.488	3.888	3.45	8.40	2.37	0.880	0.314	0.371	0.847	1.02	4.33	2.208	9
10	2.458	3.708	4.80	8.71	3.01	0.785	0.322	0.480	0.472	1.04	7.84	2.108	10
11	2.418	3.848	5.80	5.52	3.55	0.787	0.356	0.437	0.443	2.23	14.4	1.858	11
12	2.408	3.528	5.20	4.78	3.32	0.887	0.407	0.440	0.411	2.12	14.4	1.678	12
13	2.388	3.478	5.07	4.36	2.97	0.638	0.384	0.401	0.446	1.83	12.3	1.858	13
14	2.388	3.388	5.638	4.26	2.85	0.678	0.345	0.378	0.526	1.40	12 0	2.158	14
15	2.408	3.588	5.908	4.38	2.81	0.628	0.347	0.358	0.435	1.28	10.4	2.088	15
16	2.648	4.208	5.088	4.32	4.03	0.526	0.481	0.378	0.402	1.18	7.94	1.938	16
17	2.88	5.188	4.828	4.08	5.17	0.481	0.406	0.571	0.546	1.18	8.89	1.828	17
18	3.74	7.388	4.688	4.51	4.10	0.467	0.379	0.483	0.670	1.70	8.31	1.708	18
19	4 32	6.688	3.758	4.85	3.12	0.456	0.344	0.375	0.498	1.98	5.27	1.858	19
20	5.84	5.328	3.518	4.43	2.85	0.438	0.335	0.343	0.484	1.89	4.73	2.85	20
21	6.89	5.858	3.308	4.11	3.85	0.428	0.330	0.314	0.549	1.65	5.81	6.21	21
22	6.448	5.448	3.348	3.86	3.67	0.807	0.313	0.284	0.582	1.53	5.71	8.63	22
23	5.918	5.148	3.418	3.56	3.48	1.38	0.316	0.288	0.790	1.48	5.84	8.40	23
24	5.188	4.488	5.858	4.81	2.81	1.08	0.404	0.324	0.765	1.78	4.87	6.25	24
25	4.928	4.358	11.5 B	6.46	2.34	0.889	0.403	0.438	0.713	2.42	4.37	5.48	25
26	4.538	4.248	26.5	5.82	2.03	0.718	0.368	0.858	0.814	3.27	3.84	4.638	26
27	4.048	4.04	40.0	4.87	1.81	0.687	0.335	0.636	0.618	3.45	4.01	4.428	27
28	3.828	3.828	33.0	4.66	1.56	0.558	0.313	0.470	0.473	3.59	4.86	6.86	28
29	3.448	3.67	26.1	4.83	1.36	0.529	0.282	0.430	0.421	3.76	4.69	8.83	29
30	3.508		28.0	5.86	1.28	0.808	0.413	0.381	0.421	3.40	4.28	8.278	30
31	7.708		27.4		1.14		0.425	0.318		2.76		7.408	31
TOTAL	118.41	204.13	289.88	252.46	94.13	22.044	11.668	12.581	16.308	58.384	178.86	122.17	TOTAL
MEAN	3.82	7.18	9.67	8.42	3.04	0.735	0.376	0.406	0.544	1.82	5.86	3.94	MEAN
MAX	7.70	28.3	40.0	22.6	5.86	1.38	0.505	0.858	1.09	3.76	14.4	8.63	MAX
MIN	2.38	3.38	2.76	3.56	1.14	0.428	0.282	0.284	0.291	0.424	2.24	1.86	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 3.80
MAXIMUM DAILY, 40.0 ON MAR 27
MINIMUM DAILY, 0.284 ON AUG 22
MAXIMUM INSTANTANEOUS,
42.1 AT 03:01 EST ON MAR 27

SUMMARY FOR THE YEAR 1988

TYPE OF GAUGE - RECORDING
LOCATION - LAT 44 11 08 N
LONG 80 47 13 W
DRAINAGE AREA, 329 km²

B - ICE CONDITIONS

NATURAL FLOW

MONTHLY TOTAL DISCHARGE
IN CUBIC DECAMETRES

JAN	10 200	JUL	1 010
FEB	18 000	AUG	1 080
MAR	25 800	SEP	1 410
APR	21 800	OCT	4 870
MAY	8 130	NOV	15 400
JUN	1 900	DEC	10 800

TOTAL DISCHARGE, 120 000 dam³

SAUGEEN RIVER NEAR PORT ELGIN - STATION NO. 02FC001

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1988

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	58.0	242 B	48.08	208	53.0	22.7	13.5	12.6	10.5	10.8	48.3	67.1	1
2	45.28	249	47.28	182	50.9	21.8	13.3	12.6	9.88	14.1	45.4	53.5	2
3	43.88	184	46.08	184	46.2	20.7	12.8	13.0	10.0	17.8	40.6	48.5	3
4	41.88	143	45.38	188	41.8	20.0	12.4	13.3	10.7	22.5	37.3	45.2	4
5	37.88	116	44.08	184	38.7	19.4	12.5	12.7	18.2	24.8	37.4	41.6	5
6	35.48	75.4	43.38	171	36.2	18.8	11.7	12.3	24.1	24.8	39.7	40.1	6
7	33.18	63.6	43.28	143	34.3	18.4	11.6	12.8	21.5	23.5	38.6	37.38	7
8	31.88	61.08	46.08	122	32.1	18.1	10.9	12.5	18.6	22.2	41.3	35.18	8
9	31.08	57.88	85.58	104	31.8	18.8	10.2	12.3	18.2	19.8	48.5	31.48	9
10	30.48	54.28	87.88	88.8	35.8	18.8	9.84	11.0	14.5	18.4	150	30.08	10
11	29.98	51.58	87.28	77.4	41.5	18.0	11.3 A	11.7	12.8	27.3	202	23.78	11
12	29.58	49.88	103 B	68.1	41.3	17.8	11.2	13.1	11.8	46.8	180	22.68	12
13	29.38	48.28	111 B	61.4	38.8	17.1	10.1	14.8	12.1	43.7	157	22.18	13
14	29.18	47.08	106 B	56.6	36.8	16.2	10.8	14.7	11.3	35.7	157	25.88	14
15	28.88	50.28	91.28	59.5	36.2	15.4	10.2	12.9	11.8	29.2	128	24.88	15
16	28.78	68.78	82.8	59.1	37.8	14.8	10.8	12.9	11.8	24.8	104	24.88	16
17	31.08	78.08	72.88	56.6	48.4	14.5	10.8	12.6	11.7	22.3	86.7	24.28	17
18	44.88	82.08	69.88	57.6	51.4	14.5	11.1	13.4 E	12.0	34.0	74.4	23.88	18
19	71.88	87.88	63.88	57.8	44.4	14.5	11.4	13.3 E	12.7	38.3	64.1	32.6	19
20	80.48	78.9	57.08	56.5	39.3	13.5	10.0	12.2	13.2	33.8	57.1	43.8	20
21	105 B	68.2	53.18	54.2	46.4	13.1	9.53	10.8	13.1	30.0	58.4	102 B	21
22	89.88	58.08	49.08	51.8	62.6	14.8	9.58	9.72	13.1	27.9	65.3	88.88	22
23	84.48	58.08	51.28	49.0	67.3E	18.2	8.98	8.73	14.0	26.6	66.7	92.48	23
24	78.88	64.08	132	51.0	49.3	24.8	8.73	8.78	15.0	27.3	58.6	86.88	24
25	67.98	62.58	226	57.1	41.3	22.8	9.28	8.52	16.6	46.0	62.2	82.8	25
26	63.78	62.08	383	58.8	35.7	20.2	10.8	10.8	15.4	78.1	67.7	72.0	26
27	64.88	61.58	386 E	66.7	32.1	17.8	11.8	12.0	13.7	66.4	68.6	66.3	27
28	61.08	68.88	303 E	62.6	29.6	16.4	11.1	12.4	12.6	76.4	66.6	107 B	28
29	49.48	68.08	260 E	61.2	27.6A	15.2	10.3	12.4	11.1	71.4	68.1	100 B	29
30	88.08		280 E	61.1	25.7	14.6	10.3	12.1	10.3	62.3	61.6	83.58	30
31	188 B		240		24.2		10.6	11.1		53.6		76.28	31
TOTAL	1 658.6	2 383.2	3 676.1	2 682.2	1 247.3	531.6	336.91	377.48	410.08	1 116.4	2 256.6	1 882.7	TOTAL
MEAN	53.5	82.2	119	89.4	40.2	17.7	10.8	12.2	13.7	36.0	75.2	63.6	MEAN
MAX	188	249	386	208	62.6	24.8	13.5	14.8	26.1	88.4	202	107	MAX
MIN	28.7	47.0	43.2	49.0	24.2	13.1	8.73	8.52	8.88	10.8	37.3	22.1	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 50.1
MAXIMUM DAILY, 386E ON MAR 27
MINIMUM DAILY, 8.73 ON JUL 24
MAXIMUM INSTANTANEOUS,
398 AT 02:10 EST ON MAR 27

SUMMARY FOR THE YEAR 1988

TYPE OF GAUGE - RECORDING
LOCATION - LAT 44 27 23 N
LONG 81 19 36 W
DRAINAGE AREA, 3 880 km²
A - MANUAL GAUGE
B - ICE CONDITIONS
E - ESTIMATED
NATURAL FLOW

MONTHLY TOTAL DISCHARGE
IN CUBIC DECAMETRES

JAN	143 000	JUL	29 100
FEB	206 000	AUG	32 600
MAR	318 000	SEP	36 400
APR	232 000	OCT	88 600
MAY	108 000	NOV	185 000
JUN	45 900	DEC	144 000

TOTAL DISCHARGE, 1 580 000 dam³

SAUGEEN RIVER NEAR WALKERTON - STATION NO. 02FC002

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1988

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	35.6	132	25.28	118	38.1	12.6	7.70	7.71	8.09	8.23	21.7	28.0	1
2	28.0	144	24.78	98.8	34.4	12.2	7.58	7.76	8.84	8.78	20.2	27.6	2
3	26.58	92.28	24.28	80.6	30.4	11.8	7.28	7.78	8.84	12.6	18.7	26.38	3
4	23.38	76.78	23.38	109	27.0	11.4	7.08	7.25	8.08	12.8	18.2	22.48	4
5	21.28	67.28	22.88	122	24.6	10.9	6.91	6.80	14.4	12.8	18.3	21.38	5
6	19.78	44.08	22.48	108	22.8	10.7	6.78	6.41	12.8	12.3	20.1	20.28	6
7	18.88	35.78	22.28	85.8	21.8	10.5	6.40	8.08	10.5	12.2	23.3	19.38	7
8	18.28	34.78	23.08	72.0	20.4	11.2	6.38	7.10	9.08	11.3	28.3	18.28	8
9	17.88	31.48	32.88	60.7	20.3	11.2	6.88	6.85	7.85	10.8	30.5	18.48	9
10	17.68	29.28	43.88	52.4	26.2	10.8	6.17	6.87	7.02	10.4	60.6	14.38	10
11	17.28	28.18	53.1	48.0	27.6	10.4	5.98	7.72	6.83	18.4	87.3	13.58	11
12	17.08	27.08	56.7	41.2	25.8	9.87	6.44	8.58	6.70	24.7	85.8	12.78	12
13	16.88	26.28	55.6	37.7	24.0	9.37	6.22	8.20	7.15	20.3	78.3	12.38	13
14	16.88	25.48	50.0	36.6	23.1	8.88	6.18	8.01	7.07	17.4	70.8	13.48	14
15	16.88	27.08	41.3	37.7	21.8	8.38	6.07	7.80	7.74	14.3	66.6	12.88	15
16	17.48	36.38	38.3	36.6	28.5	8.38	6.48	7.78	6.48	12.8	65.2	12.58	16
17	23.78	43.08	32.2	36.0	36.7	8.88	6.86	7.77	7.32	12.2	47.5	12.48	17
18	34.0	43.98	33.3	36.6	32.6	8.28	6.88	8.02	7.06	14.1	42.0	12.38	18
19	41.6	48.3	31.3	36.2	27.0	7.86	6.36	7.61	7.16	17.8	38.7	12.88	19
20	44.6	40.8	28.5	35.4	24.6	7.68	6.87	8.76	7.22	16.6	33.1	18.7	20
21	58.2	34.4	25.2	34.6	33.6	7.85	6.81	8.20	7.32	15.6	39.3	38.1	21
22	47.7	32.08	23.7	33.1	35.6	8.16	6.83	6.92	7.34	14.8	42.7	38.6	22
23	46.28	31.18	28.8	31.6	30.7	16.1	6.85	6.85	8.71	14.3	38.9	36.0	23
24	41.88	29.88	60.3	36.2	26.2	15.1	6.98	6.83	8.84	14.8	34.7	34.68	24
25	37.08	28.68	105	42.3	22.0	12.2	6.87	6.35	8.02	17.8	30.3	32.28	25
26	34.38	27.88	178	40.6	18.6	10.4	7.59	7.47	8.10	26.2	27.2	27.38	26
27	27.68	27.28	218	37.3	17.7	9.33	7.05	7.81	7.38	32.0	27.8	25.6	27
28	26.48	26.38	174	35.6	16.6	8.70	6.81	7.38	6.30	29.9	26.8	39.28	28
29	26.68	26.98	140	35.2	15.3	8.31	6.11	7.10	6.12	30.4	29.8	37.48	29
30	30.88		141	37.4	14.6	7.89	6.07	6.64	7.06	27.7	26.6	35.68	30
31	62.2		142		13.6		7.60	6.31		23.8		34.78	31
TOTAL	811.1	1 286.3	1 823.3	1 856.6	783.0	306.22	203.24	227.67	235.30	528.62	1 187.7	728.6	TOTAL
MEAN	29.4	44.4	62.0	86.3	25.3	10.2	6.56	7.34	7.84	17.0	38.6	23.5	MEAN
MAX	62.2	144	218	122	36.1	16.1	7.70	8.58	14.4	32.0	87.3	39.6	MAX
MIN	16.8	26.4	22.2	31.6	13.6	7.86	5.81	5.83	6.84	8.23	18.2	12.3	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 27.3
MAXIMUM DAILY, 218 ON MAR 27
MINIMUM DAILY, 5.81 ON JUL 21
MAXIMUM INSTANTANEOUS,
226 AT 15:14 EST ON MAR 27

SUMMARY FOR THE YEAR 1988

TYPE OF GAUGE - RECORDING
LOCATION - LAT 44 07 13 N
LONG 81 06 55 W
DRAINAGE AREA, 2 150 km²

B - ICE CONDITIONS

NATURAL FLOW

MONTHLY TOTAL DISCHARGE
IN CUBIC DECAMETRES

JAN	78 700	JUL	17 600
FEB	111 000	AUG	19 700
MAR	166 000	SEP	20 300
APR	143 000	OCT	46 700
MAY	67 700	NOV	103 000
JUN	26 500	DEC	63 000

TOTAL DISCHARGE, 862 000 dam³

SCHNEIDER CREEK AT KITCHENER - STATION NO. 02GA037

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1988

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	0.098	0.898	0.182	0.267	0.130	0.142E	0.098	0.395	0.151	0.182	0.128E	0.184A	1
2	0.084	0.392	0.248	0.228	0.146	0.123E	0.057	0.185	0.152	1.85	0.123E	0.158	2
3	0.085	0.231	0.213	1.36	0.185	0.142E	0.048	0.138	4.80	0.183	0.130E	0.128	3
4	0.115	0.183	0.191	0.831	0.141	0.124E	0.089	0.129	1.15	0.189	1.52 E	0.094	4
5	0.128	0.145	0.198	0.406	0.103	0.088E	0.140	0.183	0.308	0.172	1.00 E	0.122	5
6	0.158	0.111	0.245	0.471	0.112	0.094E	0.177	0.123	0.190	0.185	0.200E	0.180	6
7	0.138	0.115	0.348	0.263	0.083	0.134E	0.177	0.085	0.174	0.167	0.400E	0.185	7
8	0.140	0.118E	0.846	0.252	0.088	0.123E	0.181	0.115	0.162	0.100	0.693A	0.147	8
9	0.110	0.122E	1.58	0.199	0.247	0.134E	0.089	0.141	0.157	0.085	0.293	0.144	9
10	0.100	0.126E	0.761	0.148	0.256	0.138E	0.080	0.141	0.118	1.34	1.83	0.126A	10
11	0.127	0.129	0.850	0.178	0.185	0.118E	1.84	1.01	0.077	0.842	0.268A	0.121E	11
12	0.144	0.148	0.528	0.203	0.153	0.073E	0.242	4.21	0.143	0.193	0.220E	0.120E	12
13	0.158	0.097	0.430	0.185	0.182	0.126A	0.152	0.311	0.152	0.163	1.48 E	0.212A	13
14	0.128	0.090	0.277	0.455	0.110	0.146	0.153	0.181	0.149	0.171	0.450E	0.137A	14
15	0.125	0.883	0.232	0.298	3.78	0.205	0.136	0.186	0.141	0.137	0.310E	0.134A	15
16	0.109	0.281	0.209	0.188	0.514	0.187	0.987	0.179	0.138	0.085	0.350E	0.100E	16
17	1.32	0.201	0.208	0.184	0.184	0.156	2.66	0.186	0.368	0.379	0.270E	0.088E	17
18	1.36	0.232	0.234	0.382	0.218	0.114	0.088	0.146	0.112	1.61	0.240E	0.081E	18
19	0.263	0.268	0.188	0.204	0.217	0.078	0.084	0.128	0.140	0.226	0.260E	0.090E	19
20	1.61	0.240	0.145	0.408	0.222	0.126	0.048	0.090	0.298	0.187	1.83 E	0.150E	20
21	0.378	0.117	0.164	0.321	0.318	0.154	0.098	0.080	0.147	0.483	0.400E	0.110E	21
22	0.173	0.384	0.182	0.133	0.120	0.303	0.058	0.113	0.139	0.218	0.350E	0.105E	22
23	0.137	0.573	1.19	0.408	0.109	0.184	0.278	0.230	0.844	0.343	0.300E	0.250E	23
24	0.134	0.216	1.85	0.141	0.138	0.188	0.087	1.36	0.103	0.695	0.270E	0.180E	24
25	0.118	0.182	3.20	0.200	0.148	0.134	0.068	0.186	0.088	0.438	0.250E	0.180E	25
26	0.120	0.181	1.36	0.240	0.138	0.078	0.064	0.188	0.124	0.384	0.270E	0.140E	26
27	0.118	0.161	0.721	0.388	0.134E	0.130	0.038	0.127	0.298	0.248	0.260E	0.800E	27
28	0.111	0.100	0.510	0.225	0.110E	0.178	0.036	0.082	0.186	0.818	0.260E	2.10 E	28
29	0.118	0.141	0.528	0.280	0.074E	0.173	0.043	0.137	0.148	0.182	0.230E	0.900E	29
30	0.884		0.324	0.274	0.117E	0.173	0.01	0.188	0.187	0.148E	0.240E	0.380E	30
31	2.58		0.338		0.141E		0.382	0.148		0.134E		0.300E	31
TOTAL	11.297	7.109	18.071	8.884	8.880	4.236	17.883	10.881	10.898	11.871	14.835	7.712	TOTAL
MEAN	0.364	0.245	0.583	0.323	0.288	0.141	0.570	0.364	0.363	0.378	0.495	0.249	MEAN
MAX	2.58	0.898	3.20	1.36	3.78	0.303	9.01	4.21	4.80	1.61	1.83	2.10	MAX
MIN	0.084	0.080	0.144	0.133	0.083	0.068	0.036	0.080	0.088	0.085	0.123	0.090	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 0.364
MAXIMUM DAILY, 9.01 ON JUL 30
MINIMUM DAILY, 0.036 ON JUL 27
MAXIMUM INSTANTANEOUS,
80.1 AT 16:37 EST ON JUL 30

SUMMARY FOR THE YEAR 1988

TYPE OF GAUGE - RECORDING
LOCATION - LAT 43 26 32 N
LONG 80 28 34 W
DRAINAGE AREA, 25.1 km²
A - MANUAL GAUGE
B - ICE CONDITIONS
E - ESTIMATED
NATURAL FLOW

MONTHLY TOTAL DISCHARGE
IN CUBIC DECAMETRES

JAN	976	JUL	1 530
FEB	614	AUG	949
MAR	1 580	SEP	842
APR	838	OCT	1 010
MAY	788	NOV	1 280
JUN	366	DEC	886

TOTAL DISCHARGE, 11 800 dam³

SCHOMBERG RIVER NEAR SCHOMBERG - STATION NO. 02EC010

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1988

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	0.1158	0.4308	0.1708	0.383	0.250	0.117	0.025	0.022	0.018	0.029	0.047	0.084	1
2	0.1058	0.1808	0.1858	0.367	0.225	0.043	0.023	0.050	0.020	0.088	0.050	0.077	2
3	0.0988	0.1608	0.1628	0.728	0.195	0.030	0.019	0.030	0.025	0.076	0.047	0.080	3
4	0.0848	0.1408	0.1588	1.63	0.178	0.023	0.017	0.018	0.217	0.059	0.044	0.0758	4
5	0.0748	0.1258	0.1588	0.884	0.159	0.017	0.017	0.020	0.171	0.048	0.074	0.0728	5
6	0.0888	0.1158	0.3008	0.658	0.145	0.020	0.014	0.018	0.071	0.045	0.101	0.0888	6
7	0.0808	0.1058	2.00 B	0.840	0.127	0.024	0.013	0.013	0.043	0.042	0.081	0.0878	7
8	0.0588	0.0988	2.50 B	0.548	0.111	0.028	0.013	0.011	0.028	0.042	0.068	0.0868	8
9	0.0538	0.0908	1.70 B	0.442	0.108	0.024	0.012	0.012	0.035	0.046	0.118	0.0848	9
10	0.0528	0.0868	1.00 B	0.369	0.148	0.015	0.013	0.016	0.029	0.047	0.155	0.0838	10
11	0.0518	0.0828	0.8008	0.326	0.131	0.014	0.013	0.034	0.030	0.048	0.156	0.0828	11
12	0.0508	0.0808	0.4008	0.285	0.115	0.012	0.013	0.028	0.029	0.073	0.125	0.0818	12
13	0.0488	0.0788	0.3308	0.278	0.097	0.011	0.012	0.021	0.028	0.073	0.218	0.0818	13
14	0.0488	0.0788	0.2808	0.303	0.088	0.011	0.013	0.015	0.024	0.075	0.217	0.0808	14
15	0.0508	0.0908	0.2408	0.338	0.113	0.010	0.011	0.016	0.023	0.070	0.158	0.0808	15
16	0.0548	0.3808	0.2008	0.287	0.348	0.011	0.013	0.015	0.022	0.061	0.142	0.0808	16
17	0.183	0.2008	0.2808	0.248	0.338	0.010	0.018	0.052	0.056	0.054	0.128	0.0808	17
18	0.884	0.2708	0.2008	0.268	0.212	0.010	0.015	0.018	0.038	0.085	0.1108	0.0808	18
19	0.5008	0.2458	0.1758	0.251	0.178	0.009	0.013	0.015	0.033	0.075	0.081	0.0808	19
20	0.4708	0.2308	0.1658	0.219	0.205	0.012	0.013	0.014	0.032	0.081	0.143	0.0808	20
21	0.3508	0.2208	0.1408	0.213	0.210	0.018	0.015	0.010	0.024	0.058	0.291	0.084	21
22	0.2508	0.3008	0.1308	0.201	0.188	0.081	0.018	0.008	0.020	0.070	0.258	0.078	22
23	0.1808	0.8008	0.445	0.222	0.157	0.053	0.021	0.014	0.034	0.071	0.203	0.124	23
24	0.1408	0.5408	1.30	0.248	0.113	0.044	0.025	0.027	0.027	0.073	0.171	0.111	24
25	0.1258	0.4408	1.04	0.220	0.088	0.034	0.022	0.033	0.030	0.068	0.184	0.088	25
26	0.1088	0.3308	1.48	0.210	0.078	0.030	0.042	0.028	0.035	0.061	0.140	0.084	26
27	0.1028	0.2108	1.10	0.211	0.067	0.028	0.028	0.029	0.038	0.055	0.145	0.111	27
28	0.0948	0.1808	0.817	0.218	0.058	0.025	0.017	0.028	0.034	0.056	0.125	0.305	28
29	0.0828	0.1758	0.478	0.275	0.115	0.024	0.014	0.022	0.027	0.052	0.106	0.1208	29
30	0.1208		0.522	0.388	0.083	0.023	0.018	0.025	0.033	0.050	0.100	0.0808	30
31	0.2008		0.424		0.144		0.008	0.022		0.052		0.0808	31
TOTAL	4.841	5.582	18.728	11.951	4.736	0.787	0.527	0.887	1.288	1.863	4.005	2.638	TOTAL
MEAN	0.156	0.226	0.604	0.398	0.153	0.026	0.017	0.022	0.042	0.060	0.134	0.085	MEAN
MAX	0.884	0.800	2.50	1.63	0.348	0.117	0.042	0.052	0.217	0.089	0.291	0.305	MAX
MIN	0.048	0.075	0.130	0.201	0.053	0.008	0.008	0.008	0.018	0.029	0.047	0.080	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 0.180
MAXIMUM DAILY, 2.508 ON MAR 6
MINIMUM DAILY, 0.008 ON JUL 31
MAXIMUM INSTANTANEOUS,
4.518 AT 18:28 EST ON MAR 7

SUMMARY FOR THE YEAR 1988

TYPE OF GAUGE - RECORDING
LOCATION - LAT 44 00 43 N
LONG 79 41 10 W
DRAINAGE AREA, 42.9 km²

B - ICE CONDITIONS
E - ESTIMATED
NATURAL FLOW

MONTHLY TOTAL DISCHARGE
IN CUBIC DECAMETRES

JAN	418	JUL	45.5
FEB	567	AUG	89.4
MAR	1 620	SEP	110
APR	1 030	OCT	161
MAY	409	NOV	346
JUN	66.0	DEC	228

TOTAL DISCHARGE, 5 080 dam³

SEINE RIVER AT STURGEON FALLS GENERATING STATION - STATION NO. 02EB009

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1988

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	20.1	18.7	21.2	23.8	0	0	18.3	17.3	140	84.8	28.0	40.4	1
2	24.1	22.1	21.2	27.0	0	---	18.5	20.1	132	88.2	21.2	36.9	2
3	25.5	23.8	26.0	18.5	11.4	7.07	17.1	---	134	77.0	33.4	37.0	3
4	26.0	21.2	21.2	29.4	11.8	---	17.1	---	134	72.5	40.4	36.5	4
5	29.1	22.2	21.2	15.7	12.3	---	17.4	11.1	134	76.4	33.0	36.9	5
6	29.1	18.7	18.4	31.8	13.4	---	17.8	19.1	133	73.8	33.1	35.7	6
7	18.7	23.8	24.1	32.1	---	8.80	18.4	18.3	133	76.8	33.7	33.8	7
8	18.5	22.7	17.8	40.3	12.8	8.19	14.8	18.3	124	70.4	32.7	33.2	8
9	18.1	22.7	18.5	40.3	---	20.7	0	18.8	141	71.0	33.1	33.6	9
10	18.1	22.7	21.2	38.8	18.1	26.3	4.25	22.7	140	87.8	30.8	38.7	10
11	20.1	22.7	20.7	40.8	14.2	17.7	0	22.7	138	88.5	30.1	38.8	11
12	18.7	22.1	21.2	25.1	24.1	15.9	0	25.8	144	86.8	20.7	42.0	12
13	18.7	22.7	20.7	32.8	37.4	8.84	8.02	22.7	144	20.7	18.5	40.9	13
14	20.1	22.7	21.2	39.2	32.8	18.3	0	32.1	137	21.2	20.1	44.1	14
15	17.8	22.7	20.7	36.7	18.7	19.1	10.1	33.0	117	26.5	20.7	43.8	15
16	18.5	22.7	20.7	36.8	21.2	18.1	17.3	85.9	141	39.3	42.8	38.0	16
17	19.1	21.2	22.1	38.0	21.2	18.1	15.8	78.9	144	37.1	42.8	42.5	17
18	20.7	25.5	37.5	21.2	8.50	18.4	0	102	142	28.7	43.2	40.8	18
19	18.7	20.7	38.0	24.5	8.80	17.8	0	81.8	152	28.1	44.2	41.8	19
20	20.1	25.2	40.8	20.8	15.8	17.4	0	78.6	178	19.9	43.8	40.9	20
21	17.7	27.2	28.4	20.7	11.5	17.1	11.3	78.8	182	20.7	43.2	46.0	21
22	20.1	36.8	7.21	20.1	13.7	4.73	18.7	84.5	188	20.7	37.4	51.8	22
23	18.7	20.7	7.21	7.12	14.8	8.80	17.7	117	149	20.1	38.0	46.2	23
24	21.2	22.1	10.8	8.58	7.61	22.1	0	114	148	20.1	38.4	45.2	24
25	21.2	20.7	20.1	0	8.58	17.4	7.78	118	130	20.1	39.3	46.3	25
26	21.2	21.2	18.1	8.50	2.21	20.1	0	137	131	20.7	39.8	46.8	26
27	22.1	21.2	17.1	0	0	20.7	0	140	104	27.8	40.0	47.5	27
28	21.2	20.1	17.1	10.1	12.3	19.5	9.41	140	87.8	30.6	38.4	46.4	28
29	17.8	20.7	18.1	18.4	17.8	19.5	3.07	138	72.5	30.7	31.3	47.8	29
30	18.7		22.0	21.2	17.8	18.3	---	141	84.8	30.6	36.4	48.4	30
31	18.1		21.2		4.54		18.1	148		33.4		48.4	31
TOTAL	637.8	656.9	683.82	729.18	---	---	---	---	4 014.2	1 389.8	1 022.6	1 284.7	TOTAL
MEAN	20.6	22.7	21.4	24.3	---	---	---	---	134	44.8	34.1	41.8	MEAN
MAX	29.1	36.8	40.8	40.8	---	---	---	---	182	84.8	44.2	51.8	MAX
MIN	16.7	18.7	7.21	0	---	---	---	---	87.8	19.8	19.8	33.2	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MAXIMUM DAILY, 182 ON SEP 21
MINIMUM DAILY, 0 ON APR 25

DATA CONTRIBUTED BY -
BOISE CASCADE CANADA LIMITED

SUMMARY FOR THE YEAR 1988

TYPE OF GAUGE - POWER PLANT
LOCATION - LAT 46 44 40 N
LONG 82 17 05 W
DRAINAGE AREA, 5 880 km²

REGULATED SINCE 1966

MONTHLY TOTAL DISCHARGE
IN CUBIC DECAMETRES

JAN	55 100	JUL	---
FEB	56 800	AUG	---
MAR	57 400	SEP	347 000
APR	63 000	OCT	120 000
MAY	---	NOV	88 400
JUN	---	DEC	112 000

SERPENT RIVER ABOVE QUIRKE LAKE - STATION NO. 02CD006

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1988

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	1.71	2.01	1.938	5.68	5.79	2.01	0.518	0.394	1.90	1.58	8.32	10.8	1
2	1.70	2.08	1.848	5.86	5.49	1.97	0.506	0.427	1.81	2.31	8.38	9.98	2
3	1.72	2.05	1.788	6.02	5.08	1.91	0.534	0.468	1.78	2.60	8.01	9.13	3
4	1.71	1.94	1.718	10.8	5.78	1.86	0.470	0.447	1.77	2.58	7.52	8.48	4
5	1.76	1.91	1.668	14.6	5.85	1.78	0.449	0.486	1.78	2.70	8.65	7.91	5
6	1.79	1.87	1.628	15.4	5.35	1.77	0.478	0.701	1.70	2.67	13.6	7.45	6
7	1.84	1.838	1.608	15.8	5.12	1.76	0.483	0.810	1.81	2.57	15.0	7.12	7
8	1.80	1.818	1.608	20.0	4.89	1.74	0.462	0.887	1.80	2.44	14.3	6.71	8
9	1.72	1.768	1.668	19.6	4.78	1.68	0.492	1.00	1.43	2.33	13.3	6.23	9
10	1.71	1.758	1.738	18.2	4.82	1.62	0.488	1.14	1.37	2.43	12.0	5.91	10
11	1.67	1.738	1.748	17.2	4.80	1.57	0.481	1.37	1.35	2.88	11.2	5.56	11
12	1.84	1.708	1.718	16.4	4.32	1.52	0.445	1.48	1.28	2.85	10.8	5.22	12
13	1.82	1.688	1.668	15.8	4.84	1.48	0.589	1.48	1.33	2.81	10.5	5.22	13
14	1.85	1.688	1.638	15.5	4.89	1.26	0.743	2.44	1.36	2.94	10.8	5.11	14
15	1.89	1.638	1.618	14.9	4.81	0.930	0.740	2.90	1.28	2.73	10.3	5.05	15
16	1.85	1.828	1.808	14.6	4.46	0.802	0.736	2.83	1.24	2.87	10.6	4.95	16
17	1.84	1.808	1.838	13.4	4.31	0.752	0.681	2.16	1.22	3.00	10.8	4.78	17
18	1.88	1.868	1.828	13.0	4.18	0.692	0.545	2.07	1.26	3.69	10.4	4.63	18
19	1.77	1.868	2.058	11.8	4.04	0.611	0.481	1.92	1.22	3.98	9.88	4.47	19
20	1.82	1.848	2.328	10.6	4.01	0.578	0.427	1.78	1.49	3.94	9.61	4.48	20
21	1.90	1.848	2.318	9.82	4.11	0.498	0.428	1.85	1.75	3.82	9.05	4.88	21
22	1.83	1.818	2.288	9.33	4.15	0.486	0.427	1.86	1.80	3.96	8.88	4.70	22
23	1.79	1.808	2.258	8.86	4.48	0.517	0.437	1.90	1.88	3.96	8.18	4.61	23
24	1.83	2.108	2.238	8.77	4.63	0.587	0.407	1.82	1.84	4.12	7.86	4.78	24
25	1.87	2.208	2.458	8.36	4.42	0.845	0.412	1.87	1.82	4.32	7.48	4.80	25
26	1.84	2.188	3.008	8.16	4.08	0.836	0.492	1.85	1.40	4.31	7.37	4.38	26
27	1.88	2.138	3.388	7.86	3.81	0.850	0.526	1.93	1.48	4.22	8.81	4.36	27
28	1.85	2.078	3.47	7.84	2.82	0.588	0.506	2.27	1.81	8.85	12.4	4.37	28
29	1.86	2.028	3.47	7.31	2.26	0.651	0.469	2.30	1.58	8.71	12.3	4.28	29
30	1.81		4.808	6.89	2.11	0.531	0.465	2.12	1.48	8.18	11.6	4.08	30
31	1.86		5.908		2.01		0.395	1.99		8.31		4.02	31
TOTAL	54.80	52.89	70.48	366.46	138.88	33.903	15.693	46.912	46.48	117.98	308.01	177.88	TOTAL
MEAN	1.76	1.83	2.27	12.2	4.48	1.13	0.506	1.51	1.52	3.79	10.3	5.74	MEAN
MAX	1.90	2.20	5.80	20.0	5.79	2.01	0.743	2.90	1.90	9.71	15.0	10.8	MAX
MIN	1.82	1.84	1.80	5.68	2.01	0.486	0.395	0.394	1.22	1.58	7.37	4.02	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 3.80
MAXIMUM DAILY, 20.0 ON APR 8
MINIMUM DAILY, 0.394 ON AUG 1
MAXIMUM INSTANTANEOUS,
20.6 AT 04:35 EST ON APR 9

SUMMARY FOR THE YEAR 1988

TYPE OF GAUGE - RECORDING
LOCATION - LAT 46 31 00 N
LONG 82 37 00 W
DRAINAGE AREA, 157 km²

B - ICE CONDITIONS

NATURAL FLOW

MONTHLY TOTAL DISCHARGE
IN CUBIC DECAMETRES

JAN	4 720	JUL	1 380
FEB	4 580	AUG	4 050
MAR	9 090	SEP	3 930
APR	31 700	OCT	10 200
MAY	12 000	NOV	26 800
JUN	2 930	DEC	15 400

TOTAL DISCHARGE, 124 000 dam³

SERPENT RIVER AT HIGHWAY NO. 17 - STATION NO. 02CD001

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1988

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	17.6	14.9	10.4 B	88.6	48.5	18.2	6.23	2.36	2.38	3.07	51.8	82.6	1
2	17.6	15.4	10.3 B	81.2	44.2	17.6	5.88	2.27	2.44	3.66	48.9	77.7	2
3	17.2	15.6	10.1 B	70.1	42.5	17.1	5.46	2.22	2.41	3.97	46.7	73.0	3
4	16.6	15.6	10.0 B	67.7	40.6	16.5	5.13	2.15	2.40	4.32	47.2	68.7	4
5	16.2	15.4	9.808	104	38.6	16.0	4.81	2.44	2.20	4.66	52.6	65.6	5
6	15.9	15.2	9.808	117	38.5	15.6	4.67	2.45	2.06	5.17	78.3	62.1	6
7	15.5	14.88	9.708	140	34.7	15.2	4.41	2.35	2.01	6.38	83.4	60.3	7
8	15.3	14.68	9.608	154	32.6	14.7	4.21	2.28	1.94	7.58	81.7	57.9	8
9	15.0	14.38	9.808	153	31.7	14.4	3.98	2.30	1.87	8.09	84.7	54.7	9
10	14.8	14.18	10.6 B	146	30.6	13.9	3.94	2.24	1.84	8.78	78.6	52.4	10
11	14.8	13.88	11.5 B	136	28.7	13.4	3.86	2.18	1.78	9.77	77.1	49.8	11
12	14.4	13.68	12.0 B	126	28.6	13.1	3.98	2.19	1.87	10.6	74.3	47.1	12
13	14.4	13.38	12.2 B	121	28.8	12.7	3.80	2.13	2.17	10.8	75.1	45.6	13
14	14.3	13.18	12.3 B	116	28.6	12.4	3.80	2.21	2.16	10.8	77.7	44.4	14
15	14.3	13.08	12.3 B	111	28.6	11.9	3.66	2.31	2.13	11.2	79.2	43.1	15
16	14.2	12.88	12.3 B	106	26.2	11.6	3.48	2.17	2.01	11.6	78.0	41.8	16
17	14.0	12.68	12.2 B	102	27.3	11.0	3.34	2.29	2.11	12.1	76.6	40.3	17
18	13.8	12.38	12.1 B	96.3	26.8	10.6	3.17	2.24	2.25	15.1	77.6	39.0	18
19	13.6	12.28	12.1 B	94.2	25.8	10.1	3.01	2.11	2.20	19.5	74.9	37.4	19
20	13.8	12.08	12.1 B	90.0	25.1	9.84	2.92	2.05	2.83	22.0	71.6	36.6	20
21	13.8	11.88	12.0 B	86.1	24.7	9.43	2.78	2.05	2.74	22.9	68.2	36.8	21
22	13.6	11.78	11.8 B	77.8	24.1	9.18	2.67	1.88	2.62	25.0	64.6	36.0	22
23	13.7	11.48	11.6 B	70.5	23.4	8.88	2.68	1.88	2.65	26.3	61.6	35.6	23
24	13.7	11.38	11.7 B	68.2	23.7	8.47	2.86	2.01	2.67	26.6	60.1	35.3	24
25	13.6	11.18	12.7 B	62.6	22.0	8.72	2.88	2.26	2.80	27.7	57.3	35.0	25
26	13.4	11.08	14.0 B	58.7	21.3	8.77	2.86	2.37	2.81	27.0	55.6	34.2	26
27	13.3	10.88	16.5 B	57.1	20.7	8.26	2.84	2.26	2.27	27.3	54.6	33.7	27
28	13.1	10.78	20.5 B	54.8	20.7	8.01	2.86	2.31	2.40	27.0	78.9	33.3	28
29	13.1	10.88	26.6	52.3	20.1	7.44	2.77	2.33	2.13	48.7	66.0	32.3	29
30	13.1		36.5	50.0	19.3	6.79	2.86	2.36	2.80	65.2	68.0	31.2	30
31	13.8		50.0		18.8		2.69	2.36		63.3		30.5	31
TOTAL	461.8	378.9	446.80	2 827.2	884.3	359.80	114.30	69.21	71.89	587.26	2 126.3	1 464.6	TOTAL
MEAN	14.8	13.1	14.4	94.2	28.8	12.0	3.88	2.23	2.38	18.3	70.9	46.9	MEAN
MAX	17.8	16.5	50.0	154	48.5	18.2	6.23	2.48	3.40	65.2	83.4	82.6	MAX
MIN	13.1	10.8	9.80	50.0	18.8	6.79	2.69	1.88	1.78	3.07	47.2	30.5	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 28.7
MAXIMUM DAILY, 154 ON APR 8
MINIMUM DAILY, 1.78 ON SEP 11
MAXIMUM INSTANTANEOUS,
158 AT 00:41 EST ON APR 9

SUMMARY FOR THE YEAR 1988

TYPE OF GAUGE - RECORDING
LOCATION - LAT 46 12 47 N
LONG 82 30 33 W
DRAINAGE AREA, 1 380 km²

B - ICE CONDITIONS

NATURAL FLOW

MONTHLY TOTAL DISCHARGE
IN CUBIC DECAMETRES

JAN	38 000	JUL	9 880
FEB	32 700	AUG	5 880
MAR	38 500	SEP	8 190
APR	244 000	OCT	49 000
MAY	77 300	NOV	184 000
JUN	31 100	DEC	126 000

TOTAL DISCHARGE, 844 000 dam³

SERPENT RIVER AT OUTLET OF DUNLOP LAKE - STATION NO. 02CD002

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1988

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	0.845	1.04	1.23	2.87	4.82	0.957	0.028E	0.028E	0.099	0.618	5.43	6.69	1
2	0.938	1.02	1.22	3.03	4.62	0.980	0.027E	0.025E	0.817	0.662	5.16	6.50	2
3	0.843	1.01	1.20	3.49	4.46	0.961	0.026E	0.048E	0.861	0.677	4.84	6.22	3
4	0.847	1.02	1.15	5.20	4.27	0.883	0.025E	0.068E	0.865	0.778	4.80	5.90	4
5	0.841	0.988	1.09	6.89	4.10	1.00	0.025E	0.117	0.805	0.864	5.08	5.83	5
6	0.826	0.861	1.05	7.73	3.93	0.889	0.025E	0.128	0.736	0.891	5.58	5.42	6
7	0.813	0.885	1.04	8.93	3.70	0.879	0.024E	0.118	0.859	0.888	7.16	5.18	7
8	0.809	1.00	1.04	8.83	3.53	0.911	0.025E	0.131	0.802	0.884	7.30	4.93	8
9	0.813	1.00	1.13	8.78	3.45	0.859	0.026E	0.331	0.859	0.876	7.10	4.71	9
10	0.808	0.997	1.12	8.86	3.35	0.834	0.026E	0.572	0.824	0.853	6.97	4.51	10
11	0.806	0.991	1.10	8.55	3.07	0.803	0.031E	0.525	0.482	1.01	6.78	4.31	11
12	0.805	0.997	1.10	8.38	2.96	0.780	0.030E	0.503	0.445	0.981	6.44	4.14	12
13	0.818	0.992	1.18	8.21	3.30	0.844	0.028E	0.806	0.478	0.938	6.51	4.13	13
14	0.803	0.861	1.16	8.13	3.09	0.110E	0.025	1.03	0.448	1.13	6.43	4.08	14
15	0.810	1.02	1.17	8.87	3.05	0.090E	0.024E	1.03	0.395	1.38	6.16	4.05	15
16	0.887	1.02	1.15	8.52	3.03	0.078E	0.024E	0.933	0.380	1.32	6.39	3.91	16
17	0.875	1.01	1.12	8.24	2.97	0.068E	0.023E	0.886	0.386	1.55	6.57	3.78	17
18	0.854	0.988	1.25	8.01	2.90	0.062E	0.023E	0.814	0.380	1.95	6.38	3.58	18
19	0.882	0.961	1.70	7.71	2.82	0.058E	0.023	0.845	0.348	1.88	6.13	3.50	19
20	0.838	0.960	1.83	7.28	2.78	0.053E	0.022E	0.777	0.510	2.00	5.89	3.53	20
21	0.891	0.979	1.55	6.84	2.80	0.050E	0.022	0.722	0.538	2.07	5.74	3.54	21
22	0.886	1.26	1.50	6.61	2.80	0.051E	0.022E	0.671	0.492	2.25	5.84	3.40	22
23	0.899	1.56	1.43	6.34	2.90	0.053E	0.022E	0.605	0.530	2.21	5.30	3.54	23
24	1.01	1.48	1.37	6.17	2.83	0.057E	0.022E	0.592	0.483	2.27	5.17	3.55	24
25	1.01	1.44	1.41	5.83	2.70	0.059E	0.022E	0.847	0.483	2.38	4.85	3.44	25
26	0.959	1.38	1.52	5.77	2.59	0.034E	0.023E	1.03	0.423	2.31	4.84	3.37	26
27	0.886	1.34	1.64	5.55	1.56	0.032E	0.025E	1.30	0.506	2.32	5.87	3.36	27
28	0.884	1.31	1.65	5.37	0.848	0.031E	0.027E	1.33	0.472	4.02	6.55	3.33	28
29	0.859	1.30	1.60	5.13	0.880	0.029E	0.028E	1.25	0.431	4.85	6.74	3.20	29
30	0.888		2.43	4.95	0.934	0.028E	0.024E	1.16	0.402	4.72	6.84	3.12	30
31	1.03		2.71		0.844		0.023E	1.06		4.85		3.06	31
TOTAL	29.177	32.081	42.88	211.86	93.088	12.473	0.771	20.059	16.448	88.581	181.84	131.81	TOTAL
MEAN	0.941	1.11	1.38	7.06	2.97	0.416	0.025	0.647	0.548	1.83	5.85	4.25	MEAN
MAX	1.03	1.56	2.71	8.76	4.82	1.00	0.031	1.33	0.999	4.85	7.30	6.69	MAX
MIN	0.884	0.961	1.04	2.87	0.848	0.028	0.022	0.028	0.345	0.618	4.80	3.06	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 2.25
MAXIMUM DAILY, 8.76 ON APR 8
MINIMUM DAILY, 0.022E ON JUL 30
MAXIMUM INSTANTANEOUS,
9.83 AT 15:44 EST ON APR 9

SUMMARY FOR THE YEAR 1988

TYPE OF GAUGE - RECORDING
LOCATION - LAT 46 29 05 N
LONG 82 38 33 W
DRAINAGE AREA, 105 km²

E - ESTIMATED
REGULATED

MONTHLY TOTAL DISCHARGE
IN CUBIC DECAMETRES

JAN	2 520	JUL	83.6
FEB	2 770	AUG	1 730
MAR	3 700	SEP	1 420
APR	18 300	OCT	4 880
MAY	7 980	NOV	15 700
JUN	1 080	DEC	11 400

TOTAL DISCHARGE, 71 500 dam³

SERPENT RIVER BELOW PECORS LAKE - STATION NO. 02CD004

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1988

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	5.65	6.05	5.00E	7.40E	29.7	13.3	4.13	1.80	2.10	3.59	15.3	33.9	1
2	5.66	6.02	4.95E	8.40E	26.8	12.9	4.03	1.81	2.00	3.04	15.5	33.0	2
3	5.65	5.93	4.80E	9.40E	26.0	12.2	3.89	1.83	1.94	3.23	15.7	32.4	3
4	5.60	5.92	4.85E	11.0 E	26.8	11.8	3.81	1.86	2.04	3.59	15.9	31.4	4
5	5.61	5.72	4.80E	13.0 E	25.8	11.6	3.26	2.08	2.00	3.68	16.6	30.8	5
6	5.64	5.80	4.78E	15.0 E	25.0	11.0	3.16	2.18	1.90	3.58	26.8	30.5	6
7	5.70	5.84	4.75E	22.0 E	23.8	10.8	3.07	2.03	1.85	3.78	27.0	30.0	7
8	5.71	5.75	4.70E	27.0 E	23.0	10.4	2.85	2.02	1.78	3.81	27.3	29.0	8
9	5.74	5.84	4.85E	36.0 E	22.3	9.94	2.86	2.14	1.88	3.80	27.0	28.4	9
10	5.72	5.84	5.10E	38.5 A	21.8	9.48	2.78	2.11	1.75	4.15	27.8	27.6	10
11	5.71	5.88	5.15E	38.7	21.2	9.07	2.80	2.14	1.58	4.28	28.2	26.7	11
12	5.80	5.84	5.20E	38.8	20.0	8.70	2.84	1.98	1.69	4.21	28.8	25.7	12
13	5.78	5.48	5.20E	40.1	20.8	8.38	2.84	2.00	2.10	4.07	29.7	25.8	13
14	5.71	5.37	5.15E	41.7	20.0	8.06	2.87	2.36	1.99	3.98	30.7	24.8	14
15	5.66	5.66	5.05E	42.6	19.6	7.72	2.70	2.33	1.83	4.02	31.0	24.6	15
16	5.00	5.56	4.98E	43.1	19.2	7.21	2.65	2.40	1.84	4.16	32.1	23.3	16
17	5.73	5.45	4.90E	43.1	18.7	7.02	2.61	2.45	1.84	4.02	32.7	22.6	17
18	5.77	5.50	4.80E	42.8	17.9	6.74	2.47	2.42	2.05	4.22	32.3	22.2	18
19	5.73	5.38	4.80E	42.8	17.4	6.55	2.37	2.38	1.88	4.54	32.3	21.2	19
20	5.06	5.46	4.70E	41.8	16.9	6.40	2.18	2.28	2.89	4.93	31.8	20.8	20
21	5.20	5.27	4.65E	41.0	16.7	6.07	2.18	2.19	2.80	7.31	31.6	20.7	21
22	5.60	5.14	4.60E	39.8	16.8	5.98	2.10	2.08	2.84	6.15	31.3	20.2	22
23	5.78	5.12	4.50E	39.0	16.2	5.75	2.16	2.08	2.70	5.60	30.8	19.7	23
24	5.58	5.09	4.50E	37.7	16.0	5.43	2.08	2.18	2.58	5.73	30.1	19.4	24
25	5.80	5.05	4.80E	37.2	15.6	5.60	2.23	2.42	2.47	5.08	29.8	18.7	25
26	5.68	5.07	4.75E	35.5	15.2	5.26	2.32	2.28	2.32	6.90	28.8	18.3	26
27	5.68	5.06	4.65E	34.4	14.8	4.91	2.26	2.06	2.40	8.11	32.1	17.8	27
28	5.66	4.97	5.20E	33.5	14.5	4.66	2.12	2.14	2.28	12.8	34.8	17.5	28
29	5.67	5.14A	5.60E	32.2	14.4	4.51	1.88	2.14	2.17	14.6	35.0	17.4	29
30	5.55		6.00E	30.7	14.1	4.30	1.88	2.08	2.18	14.9	34.9	18.7	30
31	5.68		6.70E		13.6		1.88	2.13		15.1		19.1	31
TOTAL	176.92	156.66	154.65	988.20	614.5	241.81	82.87	66.12	63.18	201.72	843.2	748.4	TOTAL
MEAN	5.77	5.47	4.99	32.2	19.8	8.06	2.67	2.13	2.11	6.51	28.1	24.1	MEAN
MAX	6.20	6.05	6.70	43.1	29.7	13.3	4.13	2.45	2.80	15.1	35.0	33.9	MAX
MIN	5.55	4.97	4.50	7.40	13.6	4.30	1.88	1.80	1.58	2.58	15.3	18.1	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 11.6
MAXIMUM DAILY, 43.1 ON APR 16
MINIMUM DAILY, 1.58 ON SEP 11
MAXIMUM INSTANTANEOUS,
43.5 AT 18:00 EST ON APR 17

SUMMARY FOR THE YEAR 1988

TYPE OF GAUGE - RECORDING
LOCATION - LAT 46 32 36 N
LONG 82 36 18 W
DRAINAGE AREA, 587 km²
A - MANUAL GAUGE

E - ESTIMATED
REGULATED

MONTHLY TOTAL DISCHARGE
IN CUBIC DECAMETRES

JAN	15 500	JUL	7 140
FEB	13 700	AUG	6 710
MAR	13 400	SEP	6 460
APR	83 500	OCT	17 400
MAY	53 100	NOV	72 900
JUN	20 900	DEC	84 500

TOTAL DISCHARGE, 373 000 dam³

SERPENT RIVER BELOW QUIRKE LAKE - STATION NO. 02CD003

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1988

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	3.88	3.17E	2.61E	5.91	15.7	8.52	1.40	0.857	1.28	1.15	9.73	18.3	1
2	3.88	3.22E	2.78E	8.66	15.1	8.17	1.34	0.802	1.29	1.38	10.2	18.3	2
3	3.80	3.20E	2.76E	8.21	14.8	8.91	1.31	0.808	1.28	1.40	10.8	18.1	3
4	3.69	3.12E	2.73E	10.6	14.2	8.72	1.26	0.787	1.27	1.50	10.7	17.5	4
5	3.83	3.06E	2.71E	12.7	13.8	8.54	1.22	0.837	1.26	1.72	12.0	17.0	5
6	3.48	3.05E	2.72E	15.2	13.0	8.25	1.20	0.888	1.23	1.80	14.2	16.4	6
7	3.41	3.04E	2.72E	18.5	12.4	8.02	1.17	0.843	1.18	1.83	15.8	15.8	7
8	3.38	3.10E	2.74E	21.3	11.8	4.70	1.15	0.827	1.15	1.88	17.0	15.2	8
9	3.37	3.05E	2.62E	23.8	11.4	4.42	1.11	0.867	1.13	1.93	18.0	14.5	9
10	3.31	3.03E	2.60E	25.4	11.2	4.33	1.09	0.882	1.14	2.13	18.7	13.9	10
11	3.34	3.08E	3.04E	26.5	10.7	4.05	1.07	0.884	1.08	2.26	19.0	13.4 E	11
12	3.31	3.10E	3.13E	27.1	10.2	3.85	1.06	0.837	1.02	2.31	18.9	13.1 E	12
13	3.27	3.03E	3.17E	27.4	10.6	3.77	1.06	0.883	1.01	2.30	19.2	12.8 E	13
14	3.11	2.95E	3.18E	27.5	10.1	3.67	1.12	1.25	1.01	2.27	19.2	12.3 E	14
15	3.06	3.03E	3.18E	27.5	9.89	3.58	1.06	1.34	0.983	2.33	18.9	12.0 E	15
16	3.12	3.07E	3.12E	27.3	9.57	3.16	1.13	1.30	0.930	2.48	18.1	11.7 E	16
17	3.15	3.05E	3.10E	26.7	9.26	3.02	1.13	1.34	0.918	2.77	18.2	11.3 E	17
18	3.14	3.00E	3.07E	26.3	9.14	2.86	1.07	1.30	0.942	3.15	18.4	11.0 E	18
19	3.05A	2.99E	3.02E	25.5	8.78	2.89	1.08	1.30	0.934	3.30	18.5	10.7 E	19
20	3.30A	2.95E	3.00E	24.8	8.48	2.80	1.04	1.26	1.12	3.43	18.2	10.4 E	20
21	3.36A	2.90E	2.97E	23.6	8.29	2.41	0.998	1.21	1.12	3.77	17.8	10.1 E	21
22	3.30E	2.89E	2.92E	23.0	8.37	2.38	0.981	1.19	1.12	4.24	17.2	9.80E	22
23	3.15E	2.85E	2.90	21.8	8.66	2.22	0.958	1.14	1.15	4.53	16.7	9.60E	23
24	3.05E	2.81E	2.00	20.8	8.30	2.05	0.944	1.17	1.11	4.83	16.1	9.40E	24
25	3.20E	3.40E	3.13	20.0	8.29	2.14	0.952	1.27	1.08	5.07	15.8	9.10E	25
26	3.15E	2.77E	3.35	19.3	8.06	1.84	0.884	1.28	1.03	5.27	15.1	8.80E	26
27	3.08E	2.78E	3.80	18.4	8.00	1.83	0.852	1.25	1.12	5.54	14.4	8.70E	27
28	3.04E	2.80E	3.70	17.7	7.82	1.73	0.843	1.31	1.09	7.02	15.8	8.40E	28
29	3.01E	2.82E	4.00	17.0	7.82	1.68	0.839	1.31	1.05	7.71	17.5	8.20E	29
30	3.08E		4.84	16.3	7.32	1.46	0.803	1.29	1.08	8.45	18.3	8.00E	30
31	3.09E		5.36		8.89		0.871	1.28		9.03		7.80E	31
TOTAL	102.23	88.74	98.34	612.48	317.36	108.57	33.434	33.878	33.007	108.77	493.13	381.80	TOTAL
MEAN	3.30	3.09	3.17	20.4	10.2	3.55	1.08	1.09	1.10	3.51	16.4	12.3	MEAN
MAX	3.88	3.22	5.36	27.5	15.7	8.52	1.40	1.34	1.28	9.03	19.2	18.3	MAX
MIN	3.01	2.77	2.71	8.91	8.89	1.46	0.871	0.787	0.918	1.15	9.73	7.80	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 6.88
MAXIMUM DAILY, 27.5 ON APR 14
MINIMUM DAILY, 0.787 ON AUG 4
MAXIMUM INSTANTANEOUS,
27.8 AT 13:03 EST ON APR 14

SUMMARY FOR THE YEAR 1988

TYPE OF GAUGE - RECORDING
LOCATION - LAT 46 29 11 N
LONG 82 26 52 W
DRAINAGE AREA, 319 km²
A - MANUAL GAUGE

E - ESTIMATED
REGULATED

MONTHLY TOTAL DISCHARGE
IN CUBIC DECAMETRES

JAN	8 830	JUL	2 880
FEB	7 490	AUG	2 910
MAR	8 500	SEP	2 850
APR	52 900	OCT	9 400
MAY	27 400	NOV	42 600
JUN	9 210	DEC	33 000

TOTAL DISCHARGE, 208 000 dam³

SEVERN RIVER ABOVE WASDELL FALLS - STATION NO. 02EC014

DAILY WATER LEVEL IN METRES FOR 1988

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	8.888	7.038	8.803	8.842	8.888	8.845	8.858	8.888	8.877	7.038	7.028	8.889	1
2	8.815	7.028	8.801	8.837	8.850	8.843	8.877	8.888	8.881	7.042	8.882	8.805	2
3	8.838	7.009	8.882	8.824	8.850	8.883	8.880	8.877	8.878	7.034	8.856	8.908	3
4	8.840	8.871	8.906	8.848	8.854	8.885	8.880	8.888	7.034	8.881	8.885	4
5	8.812	8.807	8.828	8.883	8.823	8.828	8.831	8.889	8.882	7.032	8.882	8.812	5
6	8.807	8.885	8.831	8.807	8.821	8.837	8.889	8.888	8.881	8.888	7.048	8.882	6
7	8.834	8.887	8.837	8.877	8.837	8.873	8.877	8.837	8.872	7.023	7.028	8.884	7
8	8.845	8.823	8.851	8.889	8.878	8.858	8.788	8.840	8.848	7.030	8.887	8.846	8
9	8.838	8.828	8.857	8.883	8.835	8.859	8.881	8.870	8.838	7.024	8.888	8.871	9
10	8.827	8.884	8.887	8.828	8.822	8.880	8.858	8.877	8.823	7.042	7.008	8.881	10
11	8.815	8.880	8.858	8.713	8.884	8.881	8.872	8.878	8.828	8.870	8.885	8.848	11
12	8.814	8.831	8.858	8.738	8.887	8.888	8.884	8.881	8.836	8.861	7.012	8.883	12
13	8.808	8.828	8.882	8.858	8.858	8.880	8.848	8.883	8.833	8.880	8.870	7.018	13
14	8.885	8.817	8.888	8.837	8.840	8.875	8.888	8.883	8.838	7.003	7.024	8.887	14
15	8.830	8.867	8.888	7.014	8.840	8.875	8.844	8.883	8.880	7.007	7.008	8.877	15
16	8.842	8.848	8.884	7.103	8.880	8.880	8.857	8.888	8.880	7.008	7.008	8.851	16
17	8.848	8.838	8.886	7.048	7.021	8.848	8.848	8.886	8.878	7.020	6.886	8.875	17
18	8.884	8.818	8.883	8.881	7.048	8.870	8.848	8.828	8.875	6.888	6.833	8.882	18
19	8.882	8.810	8.880	8.888	7.018	8.887	8.882	8.842	8.874	8.873	6.834	8.887	18
20	8.881	8.818	8.873	8.888	7.018	8.878	8.858	8.878	7.007	7.018	6.827	8.886	20
21	8.882	8.888	8.888	7.040	7.048	8.868	8.858	8.880	8.888	8.884	6.888	7.007	21
22	8.818	8.828	8.848	7.073	7.033	8.878	8.882	8.884	8.870	8.885	6.878	8.888	22
23	8.843	8.827	8.840	7.043	8.870	8.887	8.881	8.888	8.884	8.848	6.852	7.004	23
24	8.848	8.881	8.852	7.022	8.837	8.884	8.883	8.884	8.878	8.881	6.827	7.014	24
25	8.843	8.818	8.882	7.042	8.888	8.883	8.850	8.887	8.880	7.011	6.834	7.018	25
26	8.824	8.808	7.027	7.024	7.032	8.817	8.887	8.874	8.871	7.018	6.804	7.012	26
27	8.811	8.801	7.225	8.888	7.018	8.828	8.878	8.880	8.878	7.044	6.803	7.018	27
28	8.824	8.888	7.147	8.885	8.883	8.840	8.874	8.848	8.848	7.017	6.888	7.048	28
29	8.835	8.808	8.885	8.887	8.873	8.820	8.881	8.828	8.880	8.888	6.881	7.034	28
30	8.880		8.838	8.888	8.888	8.808	8.888	8.828	7.028	7.021	6.818	7.010	30
31	8.888		8.844		8.883		8.878	8.881		7.044		7.018	31
MEAN	8.834	8.831	8.885	8.885	8.872	8.857	8.887	8.885	8.888	7.008	6.888	8.874	MEAN
MAX	8.888	7.038	7.225	7.103	7.048	8.881	8.888	8.889	7.028	7.044	7.048	7.048	MAX
MIN	8.885	8.888	8.882	8.713	8.831	8.808	8.844	8.828	8.833	8.848	8.888	8.885	MIN

WATER LEVELS IN METRES

MEAN, 8.884
MAXIMUM DAILY, 7.225 ON MAR 27
MINIMUM DAILY, 8.713 ON APR 11
MAXIMUM INSTANTANEOUS,
7.307 AT 09:22 EST ON MAR 27

WATER LEVELS ARE REFERRED TO ASSUMED DATUM
APPLY 209.888 m ADJUSTMENT TO CONVERT TO GEODETIC SURVEY OF CANADA DATUM

SUMMARY FOR THE YEAR 1988

TYPE OF GAUGE - RECORDING
LOCATION - LAT 44 48 39 N
LONG 79 17 40 W

REGULATED

DRAINAGE AREA,
8 310 km²

SEVERN RIVER AT BIG FALLS - STATION NO. 02EC001

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1988

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	20.3E	18.6	12.4	2.71	0.509E	4.87	3.24E	3.05E	6.81	11.8E	11.1	21.1	1
2	20.1E	18.1	12.8	2.71	0.415	4.35	3.37E	2.98	6.61	11.8E	10.7	22.3	2
3	19.6E	3.73	12.4	2.71	0.415	4.35	3.50E	2.98	6.72E	11.5	10.7	22.0 E	3
4	19.6	12.5	12.4	2.06	0.415	4.35E	3.63	2.98	6.82E	11.5	11.1	21.8 E	4
5	19.6	18.8	12.5 E	1.14	0.415	4.39E	3.63	3.11	6.93E	11.4	11.1E	21.3	5
6	19.8	18.6 E	12.6 E	1.22	0.415	4.35	3.63	3.07E	7.03	11.5	11.1E	21.3	6
7	19.9	18.7 E	12.7	1.07	0.415E	4.50	3.63	3.02E	8.99	12.1	11.1	18.2	7
8	19.8	18.7	13.5	1.07	0.415E	4.50	3.63	3.95	12.1	12.1E	11.1	16.0	8
9	19.5E	18.4	13.5	0.993E	0.415	4.05	3.63E	2.98	12.8	12.1E	11.4	16.0	9
10	19.4E	18.7	13.5	0.917E	0.823	4.05	3.63E	3.28	12.8 E	12.1E	11.3	16.0 E	10
11	19.3	18.4	13.7	0.840	1.07	4.05E	3.63	3.07	12.4 E	12.1	11.5E	16.0 E	11
12	19.3	18.4	14.2 E	0.840	1.07	4.05E	3.24	3.33	12.1	11.8	11.7E	9.82	12
13	19.3	18.4 E	14.8 E	0.840	1.30	4.05	3.24	3.50E	12.1	10.9	11.5E	5.40	13
14	18.8	18.5 E	12.1	0.840	1.30 E	4.35	3.50	3.68E	12.1	11.4	12.1	5.40	14
15	18.9	18.5	9.99	0.840	1.30 E	4.35	3.40E	3.85	12.1	11.5E	11.1	5.40	15
16	18.9E	18.7	9.99	0.817E	1.30	4.05E	3.31E	6.73	12.1	11.5E	11.4	5.40	16
17	18.9E	18.7	9.99	0.893E	1.30	3.76	3.21E	6.76	12.1 E	11.5	11.8	5.40E	17
18	18.9	18.4	9.99	1.07	1.30	3.88E	3.11	6.51E	12.1 E	11.8	11.8	5.40E	18
19	18.8	18.4	9.98E	1.07	1.30	3.95E	3.11	6.25E	12.1	11.4	11.8E	2.93	19
20	18.8	18.4 E	9.98E	1.07	1.48	4.05	3.11	7.98E	13.4	11.1	17.6E	1.38	20
21	18.8	18.4 E	9.89	1.07	1.48 E	3.76	3.11	7.72E	12.8	11.3E	22.3	1.38	21
22	18.9	18.4	9.89	1.07	1.48 E	4.35	3.11E	7.46	12.1	11.5E	22.3	1.38	22
23	18.9E	18.4	9.89	1.07 E	1.48 E	4.35	3.11E	7.46	12.6	11.7E	22.3	1.35	23
24	18.9E	18.4	9.89	1.07 E	1.48	3.80	3.11E	7.46	12.4 E	11.8	22.3	1.35E	24
25	18.9	18.4	5.68	1.07	1.62	3.85E	3.11	7.32E	12.3 E	11.8	22.3	1.38E	25
26	18.9	17.8	2.24	0.885	1.73	3.81E	3.24	7.20E	12.1	11.4	22.3E	1.35E	26
27	18.8	17.8 E	2.24	0.850E	1.73	3.76	3.11	7.07E	12.1	11.6	22.3E	1.38E	27
28	18.9	17.8 E	2.24	0.698	1.73 E	3.76	3.24	6.95E	11.8	11.8	22.3	1.35	28
29	18.0	14.8	2.46	0.698	1.73 E	3.76	3.24	6.82	11.6	11.8E	22.3	1.21	29
30	18.2E		2.46	0.804E	1.73	3.11	3.18E	6.51	11.8	11.2E	22.3	1.05	30
31	18.4E		2.46		3.76		3.11E	6.51		10.9		1.05E	31
TOTAL	592.4	501.63	302.46	34.795	37.172	122.76	103.05	186.85	332.31	358.4	458.6	272.20	TOTAL
MEAN	19.1	17.3	9.76	1.16	1.20	4.09	3.32	6.36	11.1	11.6	15.2	8.78	MEAN
MAX	20.3	18.7	14.5	2.71	3.76	4.87	3.63	8.78	13.4	12.1	22.3	22.3	MAX
MIN	18.0	3.73	2.24	0.804	0.415	3.11	3.11	2.98	6.61	10.9	10.7	1.05	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 8.97
MAXIMUM DAILY, 22.3 ON NOV 21
MINIMUM DAILY, 0.415 ON MAY 2

SUMMARY FOR THE YEAR 1988

TYPE OF GAUGE - MANUAL
LOCATION - LAT 44 44 28 N
LONG 79 19 41 W

E - ESTIMATED
REGULATED

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	51 200	JUL	8 900
FEB	43 300	AUG	14 400
MAR	26 100	SEP	28 700
APR	3 010	OCT	31 100
MAY	3 210	NOV	39 500
JUN	10 600	DEC	23 500

TOTAL DISCHARGE, 284 000 dam³

SEVERN RIVER AT LIMESTONE RAPIDS - STATION NO. 04CC001

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1988

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	2348	1858	1708	1888	2808	934	508	473	318	488	4108	2828	1
2	2328	1848	1708	1888	1 3508	933	585	478	325	508	4088	2888	2
3	2308	1838	1708	1888	2 2008	1 010	589	478	331	503	4038	2858	3
4	2298	1828	1708	1888	2 5008	1 080	557	480	333	501	4008	2828	4
5	2288	1828	1698	1888	2 5008	1 050	543	478	334	488	3988	2788	5
6	2248	1818	1698	1888	2 3508	1 020	530	474	334	492	3928	2758	6
7	2228	1808	1688	1888	2 2508	983	518	481	328	488	3878	2728	7
8	2208	1808	1688	1888	2 1508	949	510	448	320	488	3828	2688	8
9	2188	1798	1688	1888	2 0508	918	508	441	314	487	3768	2658	9
10	2168	1788	1688	1888	1 9808	891	519	431	317	477	3738	2638	10
11	2148	1788	1688	1888	1 8808	885	521	438	317	479	3888	2618	11
12	2128	1778	1688	1888	1 8008	840	514	410	318	482	3848	2578	12
13	2108	1768	1888	1888	1 7308	830	504	401	317	478	3808	2538	13
14	2088	1758	1688	1888	1 6808	828	495	398	316	466	3648	2518	14
15	2078	1748	1678	1888	1 6108	823	489	379	318	484	3618	2498	15
16	2068	1748	1678	1888	1 5308	812	477	378	323	488	3488	2468	16
17	2058	1738	1678	1888	1 4908	792	467	371	330	462	3438	2438	17
18	2038	1728	1668	1888	1 4308	778	466	381	337	462	3398	2418	18
19	2028	1728	1668	1888	1 3908	768	488	348	347	460	3348	2388	19
20	2008	1718	1668	1888	1 3408	782	479	338	360	461	3318	2358	20
21	1998	1718	1668	1888	1 3008	787	474	330	388	447	3288	2338	21
22	1978	1718	1668	1888	1 2408	784	470	328	414	453	3228	2318	22
23	1958	1718	1688	1688	1 2108	778	468	328	426	483	3188	2298	23
24	1948	1718	1668	1728	1 1708	754	464	327	447	483	3158	2288	24
25	1938	1708	1668	1788	1 1408	732	458	328	486	488	3118	2238	25
26	1928	1708	1668	1838	1 1008	718	455	333	485	4618	3088	2218	26
27	1908	1708	1668	1908	1 040	693	451	338	491	4528	3048	2198	27
28	1888	1708	1668	2108	1 040	671	447	333	497	4408	3018	2188	28
29	1888	1708	1668	2408	1 020	648	452	328	498	4208	2988	2148	29
30	1878		1668	3308	984	627	453	328	495	4208	2988	2118	30
31	1858		1668		957		460	325		4188		2108	31
TOTAL	6 428	5 090	5 191	5 321	48 051	25 088	15 378	12 082	11 144	14 808	10 823	7 677	TOTAL
MEAN	207	176	167	177	1 550	836	496	390	371	488	361	248	MEAN
MAX	234	185	170	330	2 500	1 080	508	480	498	505	410	292	MAX
MIN	188	170	168	188	880	627	447	325	314	418	298	210	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 455
MAXIMUM DAILY, 2 500B ON MAY 4
MINIMUM DAILY, 165B ON MAR 18

SUMMARY FOR THE YEAR 1988

TYPE OF GAUGE - RECORDING
LOCATION - LAT 55 22 30 N
LONG 88 19 30 W
DRAINAGE AREA, 94 300 km²

B - ICE CONDITIONS
E - ESTIMATED
NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	555 000	JUL	1 330 000
FEB	440 000	AUG	1 040 000
MAR	449 000	SEP	983 000
APR	480 000	OCT	1 280 000
MAY	4 150 000	NOV	909 000
JUN	2 170 000	DEC	883 000

TOTAL DISCHARGE, 14 400 000 dam³

SEVERN RIVER AT LITTLE FALLS - STATION NO. 02EC007

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1988

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	8.16E	8.03	7.42	0.109E	0.050E	0.992	0.344E	0.480E	1.22	4.25E	3.90	8.90	1
2	8.16E	7.91	7.42	0.085E	0.050E	0.732	0.437E	0.498	1.22	4.25E	3.41	8.24	2
3	8.16E	8.42	7.42	0.088E	0.050E	0.732	0.531E	0.498	1.28 E	4.25	3.26	8.42E	3
4	8.16	8.67	7.42	0.050E	0.050E	0.714E	0.624	0.498	1.36 E	4.25	3.72	7.91E	4
5	7.91	8.42	7.42 E	0.050E	0.050E	0.698E	0.624	0.824	1.43 E	4.16	3.78E	7.42	5
6	8.16	8.33E	7.20 E	0.050E	0.050E	0.674	0.624	0.548E	1.50	4.07	3.84E	7.42	6
7	7.85	8.25E	4.14	0.050E	0.050E	0.840	0.624	0.468E	1.50	4.25	3.90	7.42	7
8	8.16	8.16	0.534	0.050E	0.050E	0.840	0.624	0.390	1.50	4.12E	3.90	7.42	8
9	8.08E	7.91	0.534	0.050E	0.050E	0.824	0.624E	0.390	1.50	3.99E	3.90	7.85	9
10	7.99E	8.16	0.534	0.050E	0.050E	0.788	0.624E	0.462	1.41 E	3.85E	4.34	7.57E	10
11	7.91	7.91	0.570	0.050E	0.050E	0.732E	0.624	0.390	1.31 E	3.72	4.35E	7.50E	11
12	7.91	8.16	0.588E	0.050E	0.050E	0.674E	0.534	0.570	1.22	2.95	4.38E	7.42	12
13	7.91	8.03E	0.606E	0.050E	0.050E	0.824	0.534	0.570E	1.22	3.72	4.40E	7.85	13
14	7.85	7.91E	0.624	0.050E	0.050E	0.788	0.674	0.570E	1.22	3.72	4.42	7.85	14
15	7.91	7.78	0.570	0.050E	0.050E	0.788	0.624E	0.570	1.22	3.78E	3.80	7.85	15
16	7.82E	7.91	0.570	0.050E	0.050E	0.880E	0.570E	1.26	1.22	3.84E	3.80	7.85	16
17	7.74E	7.91	0.570	0.050E	0.050E	0.534	0.618E	1.68	1.22 E	3.90	4.25	7.85E	17
18	7.85	7.85	0.462	0.050E	0.050E	0.618E	0.462	1.64 E	1.22 E	4.25	4.25	7.85E	18
19	7.85	7.85	0.462E	0.050E	0.050E	0.702E	0.462	1.61 E	1.22	3.72	3.67E	7.85	19
20	7.85	7.85E	0.462E	0.050E	0.050E	0.788	0.462	1.57 E	1.50	3.72	3.48E	7.91	20
21	7.91	7.85E	0.462	0.050E	0.050E	0.570	0.462	1.54 E	1.31	3.90	3.10	7.91	21
22	7.85	7.85	0.462	0.050E	0.050E	0.840	0.462E	1.50	1.22	3.88E	3.41	8.16	22
23	7.74E	7.85	0.462	0.050E	0.050E	0.840	0.462E	1.50	1.40	4.01E	3.41	8.16	23
24	7.62E	7.85	0.462	0.050E	0.050E	0.732	0.462E	1.50	1.31 E	4.07	3.41	8.16E	24
25	7.91	7.85	0.462	0.050E	0.050E	0.854E	0.462	1.48 E	1.23 E	3.90	3.41	8.16E	25
26	7.91	7.85	0.384E	0.050E	0.050E	0.578E	0.426	1.46 E	1.14	3.72	3.41E	8.16E	26
27	7.91	7.85E	0.323E	0.050E	0.635E	0.496	0.484	1.44 E	1.07	3.90	3.41E	8.16E	27
28	7.91	7.85E	0.261E	0.050E	1.07 E	0.498	0.426	1.42 E	0.840	4.25	5.84	7.42	28
29	7.91	7.85	0.214E	0.050E	1.07 E	0.498	0.426	1.40	2.83	4.13E	6.97	5.05	29
30	7.85E		0.170E	0.050E	1.07	0.250	0.444E	1.38	4.25	4.02E	6.97	3.90	30
31	7.89E		0.138E		0.992		0.462E	1.22		3.90		3.90E	31
TOTAL	245.00	229.67	88.324	1.812	8.137	20.498	16.124	31.104	43.100	122.52	122.30	229.89	TOTAL
MEAN	7.90	7.92	1.91	0.054	0.195	0.683	0.520	1.00	1.44	3.85	4.08	7.42	MEAN
MAX	8.16	8.67	7.42	0.109	1.07	0.992	0.678	1.68	4.25	4.25	6.97	8.42	MAX
MIN	7.85	7.85	0.138	0.050	0.050	0.250	0.344	0.390	0.840	2.95	3.10	3.90	MIN

SUMMARY FOR THE YEAR 1988

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 3.08
MAXIMUM DAILY, 8.67 ON FEB 4
MINIMUM DAILY, 0.050E ON APR 4

TYPE OF GAUGE - MANUAL
LOCATION - LAT 44 44 45 N
LONG 79 19 31 W

E - ESTIMATED
REGULATED

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	21 200	JUL	1 380
FEB	19 800	AUG	2 680
MAR	5 130	SEP	3 720
APR	138	OCT	10 800
MAY	530	NOV	10 600
JUN	1 770	DEC	19 900

TOTAL DISCHARGE, 87 500 dam³

SEVERN RIVER AT OUTLET OF MUSKRAT DAM LAKE - STATION NO. 04CA002

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1988

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	108 B	88.5B	77.5B	72.0B	133	256	216	180	118	140E	146	134B	1
2	108 B	88.6B	77.2B	72.0B	144	276	212	170	114	137E	145	134B	2
3	107 B	88.3B	76.9B	72.0B	147	288	214	172	114	136E	145	133B	3
4	106 B	87.9B	76.6B	72.0B	150	313	214	169	111	138E	143	132B	4
5	106 B	87.5B	76.3B	72.2B	161	316	201	168	114	150E	142	131B	5
6	105 B	86.8B	76.0B	72.3B	185	308	200	163	117	149E	141	130B	6
7	105 B	86.4B	75.6B	72.4B	189	291	208	174	119	146E	141	130B	7
8	104 B	86.0B	75.6B	72.6B	189	294	215	185	121	152E	140	129B	8
9	103 B	85.6B	75.4B	72.8B	178	300	210	184	114	147E	140	124B	9
10	103 B	85.3B	75.2B	73.0B	178	303	202	168	118	137E	137	126B	10
11	102 B	84.9B	75.0B	73.5B	187	286	202	148	108	143E	138	127B	11
12	101 B	84.4B	74.8B	74.0B	188	273	204	145	107	152E	136	126B	12
13	100 B	84.0B	74.6B	74.5B	196	281	191	141	113	156E	134	126B	13
14	100 B	83.5B	74.4B	75.0B	191	275	189	139	113	155E	132	125B	14
15	99.5B	83.0B	74.2B	76.0B	184	270	189	138	118	152E	127	124B	15
16	98.5B	82.6B	74.0B	77.0B	203	276	191	132	111	148E	134	123B	16
17	98.0B	82.2B	73.6B	76.0B	204	286	198	125	111	149E	134B	122B	17
18	97.5B	81.7B	73.6B	78.5B	209	285	197	130	105	151E	139B	121B	18
19	96.5B	81.3B	73.4B	81.0B	200	274	201	127	94.8	150	140B	120B	19
20	96.0B	80.9B	73.2B	83.0B	213	278	198	122	107	150	141B	120B	20
21	95.5B	80.4B	73.0B	85.0B	231	285	195	119	117 E	152	142B	119B	21
22	95.0B	80.0B	72.8B	87.0B	249	255	188	120	140 E	149	143B	114B	22
23	94.5B	79.7B	72.6B	90.0B	245	258	200	117	141 E	147	144B	117B	23
24	94.0B	79.4B	72.5B	92.5B	249	243	196	121	142 E	147	143B	116B	24
25	93.5B	79.1B	72.4B	95.5B	264	236	193	118	143 E	152	141B	118B	25
26	92.5B	78.8B	72.3B	98.0B	265	239	182	123	144 E	156	139B	119B	26
27	92.0B	78.4B	72.2B	103 B	256	231	182	120	145 E	154	136B	114B	27
28	91.5B	78.1B	72.1B	106	255	217	185	120	146 E	150	137B	113B	28
29	91.0B	77.8B	72.1B	114	260	216	186	119	147 E	161	136B	113B	29
30	90.5B		72.0B	123	252	213	184	131	144 E	154	135B	112B	30
31	90.0B		72.0B		248		190	130		148		111B	31
TOTAL	3 085.0	2 412.4	2 299.5	2 491.8	6 348	8 084	6 185	4 350	3 853.8	4 621	4 189	3 805	TOTAL
MEAN	99.5	83.2	74.2	83.1	205	270	199	140	122	149	140	123	MEAN
MAX	108	88.5	77.5	123	266	316	218	180	147	161	146	134	MAX
MIN	90.0	77.8	72.0	72.0	133	213	184	117	94.8	136	127	111	MIN

SUMMARY FOR THE YEAR 1988

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 141
MAXIMUM DAILY, 316 ON JUN 5
MINIMUM DAILY, 72.0B ON MAR 30
MAXIMUM INSTANTANEOUS,
317 AT 22:23 EST ON JUN 5

TYPE OF GAUGE - RECORDING
LOCATION - LAT 53 28 27 N
LONG 91 30 55 W
DRAINAGE AREA, 38 500 km²

B - ICE CONDITIONS
E - ESTIMATED
NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	285 000	JUL	533 000
FEB	208 000	AUG	376 000
MAR	198 000	SEP	316 000
APR	215 000	OCT	388 000
MAY	548 000	NOV	362 000
JUN	699 000	DEC	328 000

TOTAL DISCHARGE, 4 450 000 dam³

SEVERN RIVER AT SWIFT RAPIDS - STATION NO. 02EC003

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1988

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	77.0	70.8	70.6	141	83.1	33.3	13.5	11.2	15.4	12.6	45.2	64.4	1
2	76.8	75.6	70.9	148	82.5	30.3	17.7	10.3	15.1	11.5	43.2	63.9	2
3	76.2	75.2	70.2	158	55.8	28.7	17.8	14.7	12.7	24.8	41.2	60.8	3
4	89.5	84.4	70.4	175	49.4	22.5	14.0	12.8	15.7	25.9	37.7	58.2	4
5	75.4	88.3	71.3	188	44.8	15.9	8.98	10.9	14.2	22.8	35.4	62.3	5
6	74.0	81.4	68.1	195	40.6	28.8	11.9	11.8	13.6	23.4	48.1	59.5	6
7	74.6	86.3	44.0	185	38.7	23.1	13.0	11.8	22.1	18.1	51.6	60.8	7
8	71.2	88.9	38.4	181	38.5	20.5	11.6	12.2	13.5	9.91	55.6	62.1	8
9	71.1	88.3	38.1	192	38.6	13.8	1.13	15.3	19.0	17.3	58.8	61.6	9
10	71.0	85.7	38.1	189	38.6	20.7	6.80	11.0	16.9	17.1	57.8	56.7	10
11	78.8	85.5	38.4	188	38.6	17.8	13.3	10.5	14.4	24.8	52.7	45.8	11
12	70.2	85.5	38.2	156	32.6	13.6	14.2	13.0	26.3	29.0	55.8	47.0	12
13	71.1	85.7	40.2	148	27.7	18.8	13.3	8.23	15.5	24.2	54.9	39.6	13
14	69.8	85.4	38.0	131	26.4	22.7	10.8	8.80	17.8	11.4	57.1	48.3	14
15	70.4	84.8	41.7	93.2	32.6	13.2	7.78	13.5	18.4	12.0	60.0	45.0	15
16	69.0	84.5	31.2	84.8	34.6	10.2	9.83	15.4	16.8	13.0	53.1	43.2	16
17	68.6	85.2	30.4	82.1	42.3	20.8	8.78	20.2	13.1	24.8	52.8	37.1	17
18	69.2	82.4	33.5	72.6	45.3	21.1	8.84	21.1	11.8	32.5	50.3	36.1	18
19	69.2	80.6	36.3	86.1	48.1	15.0	11.0	16.7	15.7	26.9	48.1	36.5	19
20	68.2	78.4	30.4	87.7	46.6	6.26	9.34	12.0	17.6	21.6	47.4	35.6	20
21	68.3	76.3	36.7	87.2	44.0	15.2	9.85	8.50	16.8	26.8	52.5	35.3	21
22	69.0	76.2	32.1	84.5	42.8	20.2	10.4	19.1	21.8	23.4	72.6	42.6	22
23	68.6	75.6	23.6	68.3	41.3	18.2	10.0	15.1	18.4	22.4	68.2	34.7	23
24	70.7	76.1	28.2	68.0	33.5	22.0	11.6	17.8	13.9	29.5	67.3	35.6	24
25	70.8	79.0	38.4	67.9	31.3	16.8	12.2	20.4	13.6	38.8	68.0	38.8	25
26	70.2	76.3	58.7	61.1	34.4	8.61	10.1	18.5	19.3	30.9	67.7	33.0	26
27	70.7	79.4	73.6	61.6	24.8	14.4	11.8	10.5	19.8	39.6	65.8	35.7	27
28	71.4	76.1	89.4	61.3	32.5	13.3	13.6	14.7	14.8	38.1	68.1	38.4	28
29	83.3	73.8	106	61.8	32.2	11.8	10.1	17.6	14.6	40.2	65.0	38.2	29
30	86.0		117	62.0	35.7	5.86	10.8	16.7	18.3	34.8	65.7	38.2	30
31	86.8		141		28.7		11.8	13.6		41.1		41.1	31
TOTAL	2 194.0	2 369.0	1 878.1	3 434.4	1 221.8	644.02	345.45	433.93	498.5	789.71	2 045.8	1 437.8	TOTAL
MEAN	70.8	81.3	84.1	114	39.4	18.1	11.1	14.0	16.6	24.8	68.2	46.4	MEAN
MAX	77.0	88.9	141	195	82.5	33.3	17.8	21.1	26.3	41.1	83.1	64.4	MAX
MIN	83.3	70.8	23.6	84.5	24.9	5.86	1.13	8.23	11.6	9.91	35.4	33.0	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 46.3
MAXIMUM DAILY, 195 ON APR 6
MINIMUM DAILY, 1.13 ON JUL 9

DATA CONTRIBUTED BY -
ORILLIA LIGHT AND POWER

SUMMARY FOR THE YEAR 1988

TYPE OF GAUGE - POWER PLANT
LOCATION - LAT 44 51 25 N
LONG 79 32 30 W
DRAINAGE AREA, 5 850 km²

REGULATED

MONTHLY TOTAL DISCHARGE
IN CUBIC DECAMETRES

JAN	190 000	JUL	29 800
FEB	204 000	AUG	37 500
MAR	145 000	SEP	43 100
APR	297 000	OCT	68 500
MAY	106 000	NOV	177 000
JUN	47 000	DEC	124 000

TOTAL DISCHARGE, 1 470 000 dam³

SEVERN RIVER AT WASHAGO - STATION NO. 02EC005

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1988

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	5.34E	4.84	4.01	5.54	4.88E	5.51	7.45E	7.02E	5.82	5.28E	4.88	4.88	1
2	5.58E	4.88	4.09	5.54	4.86	5.63	7.64E	7.02	5.82	5.18E	4.22	5.10	2
3	5.58E	4.88	4.01	5.78	4.86	5.63	7.62E	7.02	5.68E	5.10	4.01	4.81E	3
4	5.58	5.10	4.01	5.86	4.86	5.63E	8.01	7.02	5.84E	5.10	4.43	4.81E	4
5	5.34	4.88	3.94E	4.43	4.86	5.63E	8.01	7.51	6.00E	5.22	4.87E	4.22	5
6	5.34	4.88E	3.67E	4.43	4.86	5.63	8.01	7.35E	6.08	5.10	4.72E	4.84	6
7	4.88	4.88E	3.80	4.43	4.88E	5.63	8.01	7.18E	6.08	5.10	4.88	4.84	7
8	5.10	4.88	4.22	4.43	4.88E	5.36	8.01	7.02	6.54	5.04E	4.88	4.43	8
9	5.02E	4.84	4.22	4.43E	4.86	5.07	8.01E	7.02	6.54	4.98E	4.88	4.84	9
10	4.84E	4.88	4.22	4.43E	5.58	5.07	8.01E	7.02	6.38E	4.92E	5.27	4.43E	10
11	4.88	4.84	4.43	4.43	4.86	5.07E	8.01	7.02	6.22E	4.86	5.41E	4.22E	11
12	4.88	4.43	4.43E	4.88	4.86	5.07E	7.51	7.26	6.06	4.84	5.58E	4.01	12
13	4.84	4.48E	4.43E	4.88	5.58	5.07	7.51	7.28E	6.06	4.43	5.58E	4.43	13
14	4.43	4.48E	4.43	4.88	5.58E	5.36	8.01	7.28E	6.06	5.10	5.82	4.43	14
15	4.84	4.51	4.43	4.86	5.58E	5.36	7.82E	7.28	5.34	5.28E	5.10	4.22	15
16	4.84E	4.43	4.43	4.88E	5.58	5.05E	7.84E	7.28	5.34	5.42E	5.34	3.80	16
17	4.84E	4.43	4.43	4.88E	5.58	5.75	7.45E	7.02	5.50E	5.58	5.06	3.67E	17
18	4.84	4.43	4.43	4.86	5.58	5.88E	7.28	6.83E	5.68E	5.46	5.10	3.94E	18
19	4.84	4.43	4.43E	4.88	5.58	5.15E	7.28	6.84E	5.82	4.88	4.95E	4.01	19
20	4.84	4.43E	4.43E	4.88	5.58	5.36	7.28	6.44E	5.78	4.88	4.78E	4.22	20
21	4.84	4.43E	4.43	4.86	5.58E	5.80	7.28	6.25E	6.06	5.10	4.84	4.22	21
22	4.84	4.43	4.43	4.86	5.57E	5.35	7.28E	6.06	5.88	5.28E	4.86	4.01	22
23	4.84E	4.43	4.84	4.88E	5.67E	5.36	7.28E	6.06	6.06	5.42E	5.10	4.22	23
24	4.88E	4.43	4.84	4.88E	5.58	5.63	7.28E	6.06	6.06	5.74E	5.58	4.22E	24
25	4.84	4.43	4.86	4.88	5.58	5.63E	7.26	6.06E	5.42E	5.58	5.10	4.22E	25
26	4.84	4.22	5.10	4.88	5.58	5.63E	7.02	6.06E	5.10	5.10	5.10E	4.22E	26
27	4.84	4.22E	5.58	4.86	7.42	5.63	7.18	6.06E	5.58	5.10	5.10E	4.22E	27
28	4.84	4.22E	5.82	4.86	5.63E	5.63	7.02	6.06E	4.88	5.06	5.10	4.22	28
29	4.84	4.22	6.06	4.86	10.2 E	7.90	7.02	6.06	5.34	5.58E	4.84	4.84	29
30	4.84E		6.06	4.88E	10.5	7.28	7.02E	5.84	5.34	5.28E	5.10	4.84	30
31	4.84E		6.08		9.81		7.02E	5.82		4.88		4.84E	31
TOTAL	150.35	132.10	142.37	148.18	184.88	271.85	233.27	207.82	174.96	160.45	150.30	134.72	TOTAL
MEAN	4.85	4.58	4.58	4.87	5.87	9.06	7.52	6.71	5.83	5.18	5.01	4.35	MEAN
MAX	5.58	5.10	6.06	5.78	10.5	9.81	8.01	7.51	6.78	6.06	6.06	5.10	MAX
MIN	4.43	4.22	3.80	4.43	4.88	7.28	7.02	5.82	4.88	4.43	4.01	3.80	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 5.72
MAXIMUM DAILY, 10.5 ON MAY 30
MINIMUM DAILY, 3.80 ON MAR 7

SUMMARY FOR THE YEAR 1988

TYPE OF GAUGE - MANUAL
LOCATION - LAT 44 45 50 N
LONG 79 18 48 W

E - ESTIMATED
REGULATED

MONTHLY TOTAL DISCHARGE
IN CUBIC DECAMETRES

JAN	13 000	JUL	20 200
FEB	11 400	AUG	18 000
MAR	12 300	SEP	15 100
APR	12 800	OCT	13 800
MAY	16 000	NOV	13 000
JUN	23 500	DEC	11 600

TOTAL DISCHARGE, 181 000 dam³

SEVERN RIVER BELOW WASHAGO - STATION NO. 02EC004

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1988

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	54.7	42.1	46.7	11.6	7.38	16.0	12.2	12.0	14.8	21.7	20.7	34.7	1
2	43.4	33.8	47.2	11.6	7.35	16.6	12.7	12.0	14.8	21.5	19.1	38.0	2
3	36.7	28.1	46.7	12.0	7.28	16.6	13.3	12.1	15.0	21.4	18.7	37.6	3
4	35.5	37.6	46.7	10.7	7.21	16.6	13.8	12.1	15.2	21.4	20.0	38.3	4
5	34.9	43.0	46.7	8.24	7.14	16.5	13.7	12.8	15.4	21.3	20.2	38.6	5
6	38.1	42.6	46.4	8.43	7.07	16.5	13.6	12.8	15.6	21.1	20.3	39.3	6
7	42.0	42.6	31.4	8.30	7.09	16.8	13.7	12.2	16.7	21.8	20.6	38.0	7
8	43.7	42.6	20.6	8.04	7.11	16.4	13.8	11.9	21.4	21.7	20.6	33.6	8
9	43.6	47.1	20.6	8.02	7.13	15.6	13.8	11.8	22.3	21.6	20.8	34.2	9
10	43.2	51.0	20.6	8.00	8.62	15.6	13.8	12.4	21.7	21.2	21.6	33.7	10
11	43.0	49.6	21.1	7.98	7.25	15.6	13.8	12.0	21.1	21.0	21.8	33.2	11
12	43.0	52.6	21.6	8.44	7.73	15.6	12.7	12.7	20.4	19.6	22.2	26.4	12
13	42.6	54.1	22.0	8.46	8.41	15.6	12.6	12.8	20.1	19.3	22.6	23.4	13
14	41.8	54.1	19.8	8.46	8.38	16.4	13.8	13.1	20.3	20.6	23.0	23.2	14
15	42.3	54.0	17.4	8.61	8.38	16.4	13.4	13.3	19.3	21.0	20.6	22.6	15
16	42.2	54.2	17.4	8.48	8.34	15.6	13.0	16.6	18.4	21.4	21.3	21.5	16
17	42.1	54.2	17.5	8.46	8.26	14.7	12.6	18.0	18.6	21.8	23.2	21.6	17
18	42.0	53.8	17.3	8.43	8.58	15.2	12.2	18.2	18.7	22.3	21.6	21.7	18
19	42.0	53.6	17.2	8.38	8.78	15.7	12.1	17.7	18.8	20.2	21.1	18.3	19
20	42.0	53.6	17.1	8.48	9.01	16.1	12.1	17.1	22.9	20.0	26.1	16.9	20
21	42.4	53.6	17.0	8.21	9.00	14.7	12.1	16.6	21.3	20.6	30.4	16.6	21
22	42.0	53.6	17.0	8.14	8.87	16.3	12.1	16.0	18.6	21.1	30.8	16.4	22
23	42.1	53.6	17.1	8.10	8.88	16.2	12.1	16.2	21.0	21.6	31.2	16.7	23
24	42.3	53.6	17.0	8.06	8.84	15.0	12.1	16.2	20.3	22.0	31.1	16.8	24
25	42.4	53.6	13.0	8.02	8.86	14.6	12.1	16.0	19.7	21.7	31.1	16.0	25
26	42.4	52.7	9.61	8.06	9.65	14.6	12.1	15.8	18.9	20.4	31.1	16.1	26
27	42.3	52.7	10.6	7.76	12.3	14.4	12.1	15.7	19.7	20.8	31.1	16.3	27
28	42.3	52.7	10.6	7.73	14.7	14.6	12.0	15.5	17.7	23.1	33.3	16.7	28
29	41.4	49.7	11.2	7.46	15.3	13.7	12.1	15.3	20.3	22.2	35.6	16.6	29
30	41.6		11.1	7.42	15.6	11.7	12.1	14.6	21.6	21.3	36.6	16.3	30
31	41.6		11.1		16.6		12.0	14.6		20.6		16.3	31
TOTAL	1 301.9	1 420.3	707.11	258.39	285.11	487.9	395.9	447.6	577.9	857.1	748.4	783.6	TOTAL
MEAN	42.0	48.0	22.6	8.61	9.20	16.6	12.8	14.4	19.3	21.2	24.9	25.6	MEAN
MAX	54.7	54.2	47.2	12.0	15.6	18.0	13.9	19.0	22.9	23.1	36.6	39.3	MAX
MIN	34.9	28.1	9.61	7.42	7.07	11.7	12.0	11.6	14.6	19.3	18.7	16.3	MIN

SUMMARY FOR THE YEAR 1988

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 22.0
MAXIMUM DAILY, 54.7 ON JAN 1
MINIMUM DAILY, 7.07 ON MAY 5

TYPE OF GAUGE -
LOCATION - LAT 44 45 15 N
LONG 79 19 06 W

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	112 000	JUL	34 200
FEB	123 000	AUG	38 700
MAR	61 100	SEP	49 800
APR	22 300	OCT	55 800
MAY	24 600	NOV	64 700
JUN	40 400	DEC	68 600

TOTAL DISCHARGE, 696 000 dam³

REGULATED

REMARKS - DATA IS SUMMATION OF FLOWS AT STATIONS 02EC005, 02EC008, 02EC007 AND 02EC013

SHAMATTAWA RIVER AT OUTLET OF SHAMATTAWA LAKE - STATION NO. 04DC002

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1988

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	6.40B	3.80B	2.76B	2.83B	25.0B	103	20.4	6.84	7.79	95.2A	61.5E	24.5 B	1
2	6.26B	3.67B	2.74B	2.87B	70.0B	95.8	18.0	7.77	10.8	90.8A	59.5E	23.7 B	2
3	6.10B	3.52B	2.73B	2.83B	120 B	92.6	16.8	9.27	19.6	85.1A	57.5E	23.0 B	3
4	6.00B	3.48B	2.72B	3.00B	180 B	85.7	18.0	8.76	28.8	80.1A	55.0E	22.2 B	4
5	5.85B	3.44B	2.71B	3.10B	236 B	81.2	14.4	8.13	35.4	76.7A	54.0E	21.2 B	5
6	5.70B	3.40B	2.70B	3.22B	262	75.2	14.6	8.76	39.0	72.3A	52.5E	20.4 B	6
7	5.60B	3.37B	2.70B	3.34B	255	68.0	13.9	9.93	41.2	67.4A	50.8E	19.8 B	7
8	5.47B	3.34B	2.69B	3.46B	248	63.9	12.9	8.30	40.4	63.3A	49.8E	19.0 B	8
9	5.35B	3.32B	2.69B	3.60B	245	60.9	12.0	8.16	38.6	60.6A	48.5E	18.3 B	9
10	5.20B	3.30B	2.69B	3.70B	234	58.7	10.9	7.85	37.6	56.1A	47.9E	17.7 B	10
11	5.05B	3.26B	2.68B	3.80B	229	60.6	10.8	8.84	36.8	51.9A	46.7A	17.0 B	11
12	4.85B	3.24B	2.68B	3.90B	217	47.2	10.8	8.88	35.8	53.6A	45.3A	16.3 B	12
13	4.65B	3.20B	2.67B	3.97B	202	44.9	9.68	8.88	36.0	52.2A	43.5A	15.9 B	13
14	4.76B	3.16B	2.67B	4.00B	189	40.8	8.90	8.35	36.0	50.4A	42.1A	15.4 B	14
15	4.66B	3.12B	2.66B	4.02B	177	36.3	9.75	8.23	38.4	50.2A	41.0A	15.0 B	15
16	4.58B	3.09B	2.68B	4.05B	170	37.2	9.27	5.85	38.2	47.7A	39.2A	14.6 B	16
17	4.50B	3.06B	2.65B	4.10B	160	34.7	9.19	4.88	37.8	54.7A	37.0A	14.2 B	17
18	4.44B	3.03B	2.65B	4.15B	152	32.4	8.69	5.09	36.7	64.8A	33.6A	13.6 B	18
19	4.38B	3.01B	2.65B	4.20B	138	30.8	8.56	4.67	37.8	80.9A	32.5B	13.4 B	19
20	4.28B	2.98B	2.66B	4.25B	133	31.3	8.56	4.85	43.2	97.7A	32.0B	13.0 B	20
21	4.22B	2.98B	2.67B	4.38B	135	33.1	8.44	4.79	89.0	101 A	31.6B	12.7 B	21
22	4.15B	2.93B	2.67B	4.45B	135	31.5	8.85	4.67	83.3	101 E	31.0B	12.3 B	22
23	4.06B	2.90B	2.68B	4.85B	130	33.4	8.08	4.81	84.1	100 E	30.5B	11.8 B	23
24	4.02B	2.88B	2.68B	4.75B	133	33.0	7.72	4.78	104	98.7A	30.2B	11.6 B	24
25	3.96B	2.86B	2.70B	5.00B	132	29.8	7.16	4.32	111	88.8A	28.8B	11.3 B	25
26	3.80B	2.84B	2.70B	5.25B	125	28.9	7.35	4.11	116 A	87.5A	28.0B	11.0 B	26
27	3.85B	2.82B	2.71B	5.80B	124	25.0	7.15	4.21	113 A	88.0E	26.4B	10.7 B	27
28	3.80B	2.80B	2.72B	5.80B	121	22.9	6.72	4.61	110 A	77.8A	27.5B	10.3 B	28
29	3.76B	2.76B	2.73B	6.40B	117	22.9	6.30	5.03	106 A	70.2A	26.5B	9.80B	29
30	3.70B		2.75B	11.6 B	111	21.8	6.03	5.08	102 A	67.0E	25.5B	9.60B	30
31	3.85B		2.77B		108		6.82	6.82		64.5E		9.40B	31
TOTAL	147.41	91.28	83.55	130.15	5 006.0	1 483.6	324.44	197.58	1 884.39	2 327.0	1 230.6	479.10	TOTAL
MEAN	4.76	3.18	2.70	4.34	161	46.6	10.5	6.37	58.1	75.1	40.7	15.5	MEAN
MAX	6.40	3.80	2.77	11.6	255	103	20.4	9.93	116	101	61.5	24.5	MAX
MIN	3.85	2.76	2.65	2.82	25.0	21.8	6.03	4.11	7.79	47.7	26.5	9.40	MIN

SUMMARY FOR THE YEAR 1988

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 35.8
MAXIMUM DAILY, 255 ON MAY 7
MINIMUM DAILY, 2.65B ON MAR 17
MAXIMUM INSTANTANEOUS,
264 AT 02:33 EST ON MAY 7

TYPE OF GAUGE - RECORDING
LOCATION - LAT 54 17 00 N
LONG 85 39 00 W
DRAINAGE AREA, 4 710 km²
A - MANUAL GAUGE
B - ICE CONDITIONS
E - ESTIMATED
NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	12 700	JUL	28 000
FEB	7 680	AUG	17 100
MAR	7 230	SEP	148 000
APR	11 200	OCT	201 000
MAY	433 000	NOV	105 000
JUN	128 000	DEC	41 400

TOTAL DISCHARGE, 1 140 000 dam³

SHEBANDOWAN RIVER AT OUTLET OF SHEBANDOWAN LAKE - STATION NO. 02AB011

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1988

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	---	---	1.80	0	2.50	1.50	2.50	0.900	26.5	---	2.00	8.50	1
2	---	3.30	0	0	2.30	1.50	2.50	0.900	22.2	---	2.00	8.70	2
3	4.20	3.20	0	0	2.30	1.40	2.50	0.900	33.1	2.10	2.00	8.70	3
4	---	3.30	0	0	1.00	1.40	2.50	0.900	26.8	---	2.40	8.70	4
5	---	---	0	0	0	1.40	2.50	0.900	27.4	---	2.50	8.70	5
6	3.80	2.40	0	0	0	1.40	2.50	---	27.4	1.80	2.80	8.70	6
7	---	3.10	0	0	0	1.40	2.50	---	28.0	1.80	2.80	8.70	7
8	3.70	3.10	0	0	0	1.40	2.50	1.70	27.8	1.80	3.00	8.50	8
9	---	3.10	0	0	0	1.40	2.50	---	27.2	1.80	3.00	8.50	9
10	---	2.80	0	0	0	1.40	2.50	4.30	26.8	1.80	3.20	8.20	10
11	3.30	2.80	0	---	0	1.50	2.50	4.80	26.3	1.40	3.20	8.50	11
12	3.30	2.80	0	0	0	1.40	2.50	6.10	17.8	1.20	3.20	8.00	12
13	---	2.80	0	0	0	1.40	2.50	13.9	11.8	1.10	3.40	10.7	13
14	3.60	2.80	0	0	0	1.90	2.50	13.8	11.8	1.10	3.80	10.4	14
15	3.40	2.90	0	0	0	2.10	1.30	26.8	11.8	1.10	3.80	10.1	15
16	3.40	2.80	0	0	0	2.10	1.20	44.8	8.80	1.10	3.80	10.1	16
17	3.40	2.80	0	0	0	2.30	1.20	48.8	10.1	1.10	4.80	10.1	17
18	3.30	2.80	0	0	0	---	1.20	48.8	8.80	1.00	4.50	9.80	18
19	3.80	2.80	0	0	0	2.80	1.20	48.4	8.80	1.00	4.70	9.80	19
20	3.30	2.70	0	0	0	2.60	0.800	47.3	8.80	1.00	4.80	9.80	20
21	2.50	2.70	0	0	0	2.80	0.900	46.3	8.80	1.00	5.10	9.50	21
22	3.30	2.70	0	1.30	0	2.80	0.800	45.3	8.80	1.10	5.10	9.50	22
23	3.30	2.80	0	2.80	0	2.40	0.800	45.8	8.80	1.10	---	9.50	23
24	3.40	2.70	0	2.80	0.800	2.20	0.900	45.8	---	1.50	5.80	9.50	24
25	3.40	2.80	---	2.80	1.10	2.50	0.900	45.3	---	1.60	5.80	9.20	25
26	3.20	2.80	0	2.50	1.40	2.50	0.800	44.2	7.30	1.80	5.80	9.20	26
27	3.20	2.80	0	2.50	1.30	2.50	0.700	44.2	---	1.80	6.20	9.20	27
28	---	2.80	0	2.50	1.40	2.50	0.700	43.7	3.60	2.00	6.20	9.20	28
29	3.20	2.60	0	2.50	1.50	2.50	0.800	43.2	2.10	2.00	6.20	9.00	29
30	3.20		0	2.50	1.50	2.50	0.800	42.2	2.10	2.00	6.50	9.00	30
31	---		0		1.80		0.900	32.7		2.00		9.00	31
TOTAL	---	---	---	---	18.400	---	51.000	---	---	---	---	283.00	TOTAL
MEAN	---	---	---	---	0.594	---	1.65	---	---	---	---	9.43	MEAN
MAX	---	---	---	---	2.80	---	2.80	---	---	---	---	10.7	MAX
MIN	---	---	---	---	0	---	0.700	---	---	---	---	8.20	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MAXIMUM DAILY, 48.8 ON AUG 17
MINIMUM DAILY, 0 ON MAR 2

DATA CONTRIBUTED BY -
ONTARIO HYDRO

REMARKS - DATA PUBLISHED AS RECEIVED FROM CONTRIBUTOR

SUMMARY FOR THE YEAR 1988

TYPE OF GAUGE - MANUAL
LOCATION - LAT 48 37 11 N
LONG 90 03 42 W

REGULATED SINCE 1924

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	---	JUL	4 410
FEB	---	AUG	---
MAR	---	SEP	---
APR	---	OCT	---
MAY	1 590	NOV	---
JUN	---	DEC	22 700

SHEBANDOWAN RIVER AT SUNSHINE - STATION NO. 02AB009

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1988

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	7.858	5.788	5.588	8.17	18.1	18.8	8.85	4.36	54.0E	25.5E	18.4	28.38	1
2	7.758	5.758	5.488	8.06	18.5	20.4	8.43	7.80	58.0E	23.7E	18.5	25.88	2
3	7.858	5.748	5.358	8.11	18.0	18.3	8.18	12.3	60.0E	21.7E	18.4	26.48	3
4	7.608	5.728	5.32	8.74	18.4	18.4	5.88	14.4	58.0E	20.0E	18.2	26.18	4
5	7.408	5.708	5.88	10.3	18.8	14.6	5.74	18.0	51.0E	18.3	18.7	24.78	5
6	7.308	5.688	6.10	18.5	14.7	12.8	5.38	31.8	48.0E	18.8	18.18	24.38	6
7	7.188	5.688	6.52	32.5	14.2	11.4	5.60	33.7	44.5E	18.3	18.48	23.88	7
8	7.088	5.678	8.65	34.1	13.8	10.8	5.81	37.1	41.0E	17.7	18.8	23.38	8
9	6.988	5.688	6.83	29.5	18.8	10.8	5.78	35.0	38.4E	17.2	17.48	23.08	9
10	6.858	5.658	7.27	31.8	43.3	10.4	5.74	29.7	35.5E	17.0	17.8	22.68	10
11	6.758	5.648	7.10	34.8	46.3	9.81	5.46	26.8	33.0E	16.7	18.08	22.38	11
12	6.678	5.638	6.98	41.4	41.3	9.00	5.18	21.0	30.5E	16.3	17.9	22.08	12
13	6.558	5.628	7.03	50.5	42.8	8.55	5.26	26.0	28.0E	15.8	18.2	21.88	13
14	6.428	5.618	7.30	48.5	42.7	10.1	5.31	33.8	26.5E	15.4	18.3	21.28	14
15	6.388	5.608	7.48	40.1	38.9	16.0	5.08	50.4	24.5E	14.8	18.2	21.08	15
16	6.328	5.608	7.50	33.1	31.6	17.0	5.11	67.2	22.8E	15.5	62.1	20.68	16
17	6.288	5.598	7.78	30.8	27.8	15.1	5.14	74.8	20.5E	17.1	64.0	20.38	17
18	6.248	5.598	7.88	28.0	23.6	13.0	4.83	74.7	26.0E	18.1	64.0B	20.08	18
19	6.208	5.598	7.84	24.5	20.7	12.9	4.88	70.5	41.0E	15.4	49.0B	19.78	19
20	6.168	5.588	7.52	21.0	18.7	12.8	4.80	65.8	63.0E	14.7	44.0B	19.48	20
21	6.128	5.588	7.64	18.5	17.5	11.5	4.70	61.3	68.0E	14.8	39.0B	19.18	21
22	6.078	5.588	7.60	16.2	16.3	10.8	4.78	57.9	63.5E	14.0	36.0B	18.88	22
23	6.028	5.588	7.71	16.4	15.1	9.80	4.70	54.7	48.0E	14.6	33.3B	18.68	23
24	5.988	5.588	7.88	17.2	16.6	8.73	4.88	70.4	46.0E	20.3	30.8	18.48	24
25	5.958	5.588	8.14	17.0	16.2	8.84	4.48	88.7	41.8E	24.0	28.7	18.28	25
26	5.928	5.588	8.26	17.1	16.4	9.02	4.31	88.8	38.5E	23.1	29.1B	17.88	26
27	5.888	5.588	8.58	17.3	16.8	8.38	4.20	82.7	35.5E	21.0	28.8B	17.68	27
28	5.868	5.588	8.59	17.7	17.6	8.12	4.03	68.8	32.5E	21.5	27.8B	17.48	28
29	5.848	5.588	8.43	17.7	17.1	7.36	4.24	56.8	30.2E	20.4	27.3B	17.18	29
30	5.828		8.42	17.8	16.8	8.86	4.38	53.0	28.0E	18.8	26.8B	16.88	30
31	5.808		8.26		15.8		4.30	48.8		17.1		16.78	31
TOTAL	203.78	163.32	224.38	713.78	713.8	367.88	159.08	1 403.88	1 222.4	568.8	826.4	848.1	TOTAL
MEAN	6.54	5.83	7.24	23.8	23.0	11.8	5.13	45.3	40.7	18.3	27.5	20.8	MEAN
MAX	7.85	5.78	8.58	50.5	46.3	20.4	8.85	74.8	68.0	25.5	64.0	28.3	MAX
MIN	5.80	5.58	5.32	8.06	13.8	8.86	4.03	4.36	20.5	14.0	18.2	16.7	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 18.7
MAXIMUM DAILY, 74.8 ON AUG 17
MINIMUM DAILY, 4.03 ON JUL 29
MAXIMUM INSTANTANEOUS,
78.2 AT 18:21 EST ON AUG 17

SUMMARY FOR THE YEAR 1988

TYPE OF GAUGE - RECORDING
LOCATION - LAT 48 33 20 N
LONG 89 40 55 W
DRAINAGE AREA, 2 800 km²

B - ICE CONDITIONS
E - ESTIMATED
REGULATED

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	17 500	JUL	13 700
FEB	14 100	AUG	121 000
MAR	19 400	SEP	106 000
APR	61 700	OCT	49 100
MAY	61 700	NOV	71 400
JUN	30 800	DEC	58 100

TOTAL DISCHARGE, 623 000 dam³

SHELTER VALLEY BROOK NEAR GRAFTON - STATION NO. 02HD010

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1988

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	0.430B	1.70 B	0.520B	1.21	0.777	0.358	0.350	0.276	0.317	0.327	0.441	0.503	1
2	0.415B	0.800B	0.525B	1.10	0.862	0.386	0.335	0.272	0.284	0.498E	0.423	0.494	2
3	0.405B	0.700B	0.530B	1.83	0.805	0.415	0.316	0.258	0.298	0.464	0.422	0.505	3
4	0.400B	0.645B	0.540B	2.58	0.570	0.448	0.291	0.254	0.455	0.377	0.413	0.477B	4
5	0.398B	0.610B	0.557B	1.43	0.557	0.388	0.300	0.285	0.453	0.475	0.801	0.456	5
6	0.387B	0.580B	0.580B	1.18	0.548	0.361	0.278	0.240	0.381	0.385	1.15	0.483	6
7	0.382B	0.575B	0.640B	1.13	0.513	0.363	0.272	0.238	0.312	0.361	0.830	0.498	7
8	0.378B	0.580B	0.758B	1.12	0.506	0.365	0.264	0.238	0.288	0.378E	0.711	0.482	8
9	0.373B	0.558B	1.00 B	0.810	0.537	0.378	0.248	0.235	0.282	0.356E	0.688	0.442B	9
10	0.370B	0.550B	1.70 B	0.811	0.624	0.372	0.272	0.232	0.291	0.410E	0.638	0.372B	10
11	0.367B	0.548B	1.20 B	0.776	0.582	0.358	0.284	0.232	0.285	0.831	0.585	0.380B	11
12	0.364B	0.548B	0.900B	0.754	0.552	0.327	0.271	0.234	0.283	0.426	0.503	0.362B	12
13	0.360B	0.544B	0.700B	0.743	0.540	0.305	0.271	0.228	0.307	0.373	1.05	0.346B	13
14	0.357B	0.542B	0.600B	0.805	0.584	0.287	0.267	0.239	0.313	0.365	0.902	0.333B	14
15	0.355B	0.540B	0.560B	0.842	0.526	0.327	0.252	0.305	0.285	0.388	0.813	0.325B	15
16	0.353B	2.00 B	0.545B	0.724	0.582	0.314	0.255	0.280	0.274	0.383	0.884	0.320B	16
17	0.352B	1.30 B	0.585B	0.695	0.895	0.285	0.271	0.254	0.418	0.368	0.678	0.380B	17
18	3.35 B	0.870B	0.680B	0.708	0.596	0.294	0.362	0.250	0.483E	0.472	0.519	0.410B	18
19	2.40 B	0.800B	0.600B	0.693	0.639	0.290	0.308	0.248	0.380	0.444	0.488	0.500B	19
20	4.04 B	1.80 B	0.580B	0.830	0.810	0.301	0.284	0.247	0.483	0.407	0.814	0.640B	20
21	1.70 B	1.20 B	0.500B	0.884	0.748	0.328	0.282	0.242	0.383	0.394	0.843	0.680B	21
22	0.723B	1.40 B	1.10 B	0.801	0.622	0.625	0.316	0.234	0.348	0.713	0.634	0.580B	22
23	0.685B	3.50 B	1.24 B	0.677	0.586	0.615	0.312	0.251	0.789	0.593	0.585	1.00 B	23
24	0.525B	2.30 B	5.41 B	0.854	0.502	0.386	0.286	0.340	0.418	0.812	0.516	1.70 B	24
25	0.505B	1.40 B	5.77 B	0.809	0.607	0.383	0.296	0.388	0.380	0.938	0.520	0.900B	25
26	0.482B	0.800B	10.3 B	0.817	0.514	0.349	0.413	0.462	0.328	0.580	0.510	0.740B	26
27	0.480B	0.620B	3.80	0.843	0.458	0.349	0.395	0.355	0.329	0.504	0.526	1.85 B	27
28	0.472B	0.580B	1.41	0.724	0.430	0.326	0.340	0.429	0.388	0.586	0.544	3.74 B	28
29	0.470B	0.535B	1.41	1.15	0.416	0.350	0.304	0.443	0.328	0.523	0.522	1.01 B	29
30	1.20 B		1.76	0.971	0.393	0.350	0.283	0.367	0.324	0.487	0.522	0.740B	30
31	3.00 B		1.29		0.384		0.285	0.382		0.427		0.649B	31
TOTAL	26.375	29.783	46.250	27.981	17.588	10.940	9.332	8.856	10.787	14.825	18.499	22.416	TOTAL
MEAN	0.851	1.03	1.56	0.932	0.567	0.365	0.301	0.286	0.360	0.472	0.617	0.723	MEAN
MAX	4.04	3.50	10.3	2.58	0.910	0.625	0.413	0.462	0.789	0.938	1.15	3.74	MAX
MIN	0.382	0.535	0.500	0.801	0.384	0.285	0.248	0.229	0.265	0.327	0.413	0.320	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 0.671
MAXIMUM DAILY, 10.3B ON MAR 26
MINIMUM DAILY, 0.229 ON AUG 13

SUMMARY FOR THE YEAR 1988

TYPE OF GAUGE - RECORDING
LOCATION - LAT 43 59 31 N
LONG 78 00 07 W
DRAINAGE AREA, 84.8 km²

B - ICE CONDITIONS
E - ESTIMATED
NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	2 260	JUL	805
FEB	2 570	AUG	785
MAR	4 170	SEP	932
APR	2 420	OCT	1 280
MAY	1 520	NOV	1 600
JUN	945	DEC	1 940

TOTAL DISCHARGE, 21 200 dam³

SKOOTAMATTA RIVER NEAR ACTINOLITE - STATION NO. 02HL004

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1988

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	8.80E	16.5 E	8.40E	46.1	10.7	2.89	0.434	0.869	0.871	3.42	2.90	3.43	1
2	8.25E	20.0 E	8.24A	42.7	10.7	2.70	0.413	0.824	0.858	3.58	2.42	3.43	2
3	7.80E	18.0 E	8.80A	41.1	9.77	2.62	0.407	0.869	0.821	3.78	2.33	3.48	3
4	7.80E	17.0 E	8.55	43.8	8.89	2.44	0.388	0.895	0.890	3.88	2.24	3.38	4
5	7.30E	15.5 E	8.40	46.6	8.31	2.19	0.350	0.835	0.870	5.24	2.19	3.28	5
6	7.10E	14.5 E	8.22	46.4	7.61	2.03	0.307	0.848	0.879	5.76	2.85	3.40	6
7	6.90E	13.7 E	8.12	43.6	6.93	1.92	0.285	0.728	0.898	5.80	3.07	3.63	7
8	6.75E	13.0 E	8.07	41.0	6.21	1.82	0.260	0.705	0.853	3.42	3.24	3.55	8
9	6.60E	12.5 E	8.03	38.5	5.51	1.57	0.226	0.684	0.824	1.89	3.43	3.59	9
10	6.45E	11.9 E	8.88	35.8	4.87	1.32	0.221	0.691	0.801	1.18	3.62	3.84	10
11	8.35E	11.5 E	8.34	32.9	4.62	1.16	0.418	0.894	0.471	1.29	3.82	3.81	11
12	8.30E	11.7 E	8.15	28.9	4.21	1.07	0.606	0.894	0.452	1.41	3.81	3.78	12
13	8.20E	12.0 E	8.98	27.4	3.91	1.10	0.638	0.870	0.442	1.26	3.82	4.08	13
14	8.14E	11.0 E	8.88	25.2	3.76	0.926	0.864	0.860	0.422	1.12	4.20	3.99	14
15	8.08E	10.3 E	8.74	23.2	3.46	0.764	0.883	0.935	0.420	1.07	4.45	4.26	15
16	8.85E	8.70E	8.53	21.5	3.35	0.675	0.878	0.821	0.398	1.06	4.08	4.02	16
17	8.80E	8.30E	8.43	19.9	8.35	0.611	0.862	0.886	0.430	0.970	4.00	3.98	17
18	8.40E	8.80E	8.78	18.7	8.18	0.884	0.853	0.845	0.467	1.03	3.84	4.04	18
19	7.00E	8.80E	8.76	18.9	8.70	0.854	0.854	0.844	0.475	1.33	3.87	4.13	19
20	7.80E	8.80E	8.77	16.9	8.36	0.508	0.847	0.840	0.498	1.35	3.94	4.40	20
21	10.2 E	8.80E	8.37	15.8	8.61	0.443	0.858	0.803	0.478	1.28	3.80	5.38	21
22	8.40E	9.00E	8.25	14.6	8.56	0.437	0.728	0.884	0.481	1.40	3.68	5.36	22
23	8.00E	9.30E	8.14	13.0	7.83	0.438	0.855	0.890	0.532	1.66	3.74	4.98	23
24	7.70E	8.60E	8.78	10.2	8.42	0.484	0.783	0.855	1.04	1.95	3.58	5.17	24
25	7.40E	7.80E	13.8	9.44	8.18	0.618	1.16	1.48	1.32	2.35	3.60	5.10	25
26	7.20E	7.40E	39.8	8.87	4.88	0.487	1.21	1.78	1.15	2.70	3.67	4.87	26
27	7.10E	7.10E	88.3	8.81	4.19	0.418	0.889	1.48	0.881	3.03	3.63	4.60	27
28	7.60E	6.80E	85.3	8.80	3.88	0.448	0.793	0.895	1.17	2.83	3.66	8.40	28
29	7.00E	6.80E	80.0	8.47	3.38	0.435	0.698	0.826	1.60	2.81	3.55	7.62	29
30	6.60E		57.2	10.4	3.13	0.423	0.714	0.757	2.08	3.00	3.48	7.18	30
31	8.10E		48.7		2.87		0.698	0.735		2.88		6.54	31
TOTAL	223.14	325.80	492.80	770.08	184.62	34.131	18.890	24.414	21.453	75.840	103.30	136.04	TOTAL
MEAN	7.20	11.2	15.9	25.7	5.96	1.14	0.609	0.788	0.715	2.45	3.44	4.45	MEAN
MAX	10.2	20.0	88.3	46.6	10.7	2.89	1.21	1.78	2.08	5.80	4.45	7.62	MAX
MIN	6.60	6.80	5.03	8.81	2.87	0.418	0.221	0.684	0.398	0.970	2.19	3.28	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 6.59
MAXIMUM DAILY, 88.3 ON MAR 27
MINIMUM DAILY, 0.221 ON JUL 10
MAXIMUM INSTANTANEOUS,
71.5 AT 19:15 EST ON MAR 27

SUMMARY FOR THE YEAR 1988

TYPE OF GAUGE - RECORDING
LOCATION - LAT 44 32 58 N
LONG 77 18 45 W
DRAINAGE AREA, 712 km²
A - MANUAL GAUGE
B - ICE CONDITIONS
E - ESTIMATED
NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	19 300	JUL	1 630
FEB	28 100	AUG	2 110
MAR	42 500	SEP	1 850
APR	66 500	OCT	6 550
MAY	15 900	NOV	8 930
JUN	2 950	DEC	11 900

TOTAL DISCHARGE, 208 000 dam³

SOUTH BRANCH MUSKOKA RIVER AT BAYSVILLE - STATION NO. 02EB005

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1988

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	32.2	19.3	46.0	37.7	41.2	18.1	2.23	1.81	1.81	16.2	23.1	24.6	1
2	27.0	21.0	43.7	41.2	41.2	15.7	2.23	1.81	1.81	16.3	23.1	24.6	2
3	22.1	24.6	43.7	41.8	37.0	15.7	2.23	1.81	1.81	16.3	23.1	24.6	3
4	24.4	24.6	40.0	43.4	32.3	15.7	2.23	1.77	2.05	15.2	23.1	24.6	4
5	26.8	24.0	42.6	48.6	33.3	14.8	2.23	1.84	2.05	16.2	23.6	24.0	5
6	28.1	24.6	42.6	56.6	34.4	14.4	2.23	1.84	2.05	18.8	23.6	22.9	6
7	26.6	24.6	38.4	63.3	33.3	14.4	2.23	1.84	2.14	20.7	25.0	22.6	7
8	26.6	24.3	37.7	73.4	32.2	9.71	2.23	1.84	2.32	22.1	24.6	22.3	8
9	25.6	24.6	37.1	78.1	29.1	5.42	2.05	1.84	2.05	22.1	25.0	22.1	9
10	24.0	25.6	36.3	81.2	26.6	5.42	2.05	1.84	2.05	22.1	26.3	21.8	10
11	23.1	26.6	36.0	83.6	26.7	5.42	2.05	1.91	2.23	22.1	27.0	21.2	11
12	23.1	26.1	34.4	85.9	26.8	5.42	2.05	1.81	2.23	22.1	27.5	21.0	12
13	23.1	27.0	31.2	74.5	26.6	5.42	2.05	1.81	4.66	22.1	27.5	20.3	13
14	22.1	27.0	30.6	80.9	22.1	5.42	2.14	1.81	7.90	22.1	26.6	20.0	14
15	22.1	27.0	29.8	88.5	18.4	4.48	2.05	1.81	7.90	20.7	26.0	19.8	15
16	21.2	27.0	26.3	88.5	18.8	4.97	2.05	1.81	7.90	20.7	26.8	19.8	16
17	20.7	26.8	24.8	88.5	27.0	4.88	2.05	1.81	8.08	20.7	29.1	18.8	17
18	20.3	33.8E	20.3	70.3	27.0	4.88	2.05	1.81	8.54	20.7	29.1	17.5	18
19	19.8	46.0	19.8	70.3	27.0	4.88	2.05	1.81	14.5 E	21.2	29.8	16.3	19
20	19.8	43.7	19.8	88.5	27.0	3.48	2.05	1.91	20.3 E	21.2	31.2	15.3	20
21	19.8	43.7	19.3	88.8	27.0	2.05	2.05	1.84	21.2	21.2	38.4	12.0	21
22	19.8	43.7	18.4	43.7	27.0	2.05	1.88	1.77	24.4	21.2	43.7	12.4	22
23	18.9	46.8E	18.4	42.6	27.0	2.32	1.88	1.77	26.6	21.6	38.1	12.4	23
24	18.4	47.0E	21.6	42.6	27.0	2.32	2.05	1.70	36.6	21.8	24.6	12.4	24
25	18.4	47.0	24.6	41.8	27.8	2.41	2.05	1.70	26.0	21.8	24.6	12.7	25
26	18.4	47.0	24.6	41.7	26.6	2.41	2.05	1.70	26.0	22.6	24.6	12.7	26
27	18.4	43.7	24.6	40.6	26.3	2.23	2.14	1.70	26.0	22.6	22.1	13.1	27
28	18.0	43.7	24.6	40.6	26.6	2.23	2.05	1.77	26.0	22.6	24.0	13.1	28
29	18.0	43.8	25.3	41.8	26.6	2.32	2.05	1.77	20.2	22.6	24.0	13.1	29
30	18.4		26.3	41.8	26.6	2.41	2.05	1.83	16.4	23.1	24.6	13.1	30
31	18.7		27.0		21.4		1.98	1.77		23.1E		13.1	31
TOTAL	681.8	850.7	938.0	1 724.3	878.8	200.86	84.96	58.98	343.88	641.7	809.7	583.8	TOTAL
MEAN	22.0	32.8	30.3	57.5	28.3	6.70	2.10	1.84	11.5	20.7	27.0	18.2	MEAN
MAX	32.2	47.0	46.0	88.8	41.2	18.1	2.23	1.91	26.6	23.1	43.7	24.6	MAX
MIN	18.0	19.3	18.4	37.7	18.4	2.05	1.88	1.70	1.81	15.2	22.1	12.0	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 21.6
MAXIMUM DAILY, 88.8 ON APR 12
MINIMUM DAILY, 1.70 ON AUG 24

SUMMARY FOR THE YEAR 1988

TYPE OF GAUGE - MANUAL
LOCATION - LAT 45 05 50 N
LONG 79 05 50 W
DRAINAGE AREA, 1 350 km²

E - ESTIMATED
REGULATED

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	58 900	JUL	5 510
FEB	82 100	AUG	4 920
MAR	81 000	SEP	29 700
APR	149 000	OCT	55 400
MAY	75 800	NOV	70 000
JUN	17 400	DEC	48 700

TOTAL DISCHARGE, 879 000 dam³

SOUTH CASTOR RIVER AT KENMORE - STATION NO. 02LB020

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1988

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	1.81 B	15.2 B	1.628	7.58	5.14	0.418	1.77	0.152	0.108	0.128	0.852	1.41	1
2	1.20 B	5.62 B	1.408	8.30	3.47	0.370	1.40	0.128	0.105	0.167A	1.18	1.21	2
3	0.940B	3.80 B	1.308	8.62	2.68	0.342	0.870	0.145	0.105	0.208A	5.56	1.12	3
4	0.670B	2.40 B	1.248	14.6	2.21	0.328	0.614	0.155	0.116	0.203	3.75	0.786	4
5	0.829B	1.80 B	1.188	11.3	1.83	0.300	0.472	0.144	0.130	0.182	2.56	0.900B	5
6	0.792B	1.38 B	1.188	7.36	1.56	0.293	0.371	0.153	0.129	0.168	9.38	0.892B	6
7	0.770B	1.20 B	1.388	5.80	1.32	0.280	0.323	0.168	0.109	0.178	8.80	0.837	7
8	0.762B	1.07 B	1.908	4.40	1.14	0.262	0.273	0.132	0.105	0.188	5.05	0.780B	8
9	0.735B	0.980B	2.678	4.44	1.02	0.240	0.237	0.120	0.108	0.152	4.05	0.830B	9
10	0.720B	0.921B	4.408	3.58	0.956	0.225	0.214	0.120	0.126-	0.147	3.50	0.518B	10
11	0.707B	0.888B	3.408	2.98	0.838	0.219	0.220	0.118	0.123	0.156	3.38	0.468B	11
12	0.898B	0.870B	2.358	3.53	0.732	0.208	0.207	0.107	0.137	0.158	2.81	0.410B	12
13	0.884B	0.858B	1.808	2.18	0.706	0.182	0.188	0.108	0.134	0.148	2.24	0.370B	13
14	0.874B	0.840B	1.608	2.10	0.782	0.187	0.186	0.128	0.123A	0.158	1.89	0.355B	14
15	0.888B	0.842B	1.488	2.10	0.794	0.179	0.222	0.165	0.119	0.153	1.78	0.342B	15
16	0.880B	0.920B	1.758	1.96	0.788	0.185	0.181	0.142	0.108	0.147	1.62	0.332B	16
17	0.785B	0.900B	3.258	1.83	0.845	0.189	0.174	0.112	0.107	0.143	1.51	0.326B	17
18	0.852B	0.880B	3.508	1.71	0.828	0.188	0.168	0.115	0.120	0.143	1.34	0.322B	18
19	1.00 B	0.880B	2.488	1.60	0.780	0.180	0.178	0.119	0.111	0.149	1.23	0.320B	19
20	1.30 B	0.990B	2.128	1.35	0.787	0.168	0.178	0.168	0.138	0.180	1.18	0.344B	20
21	1.60 B	1.13 B	1.788	1.28	1.58	0.162	0.170	0.181	0.132	0.183	1.26	0.480B	21
22	1.69 B	1.27 B	1.458	1.31	1.83	0.161	0.168	0.140	0.137	0.188	1.41	0.380B	22
23	1.18 B	1.80 B	1.228	1.22	1.38	0.382	0.180	0.102A	0.126	0.331	1.38	0.377B	23
24	0.961B	3.05 B	2.708	1.33	1.10	0.383	0.202	0.140A	0.127	0.748	1.27	0.388B	24
25	0.870B	2.60 B	7.258	1.53	0.839	0.412	0.228	0.177A	0.114	2.18	1.21	0.361B	25
26	0.820B	2.20 B	22.0 B	1.62	0.724	1.30	0.398	0.174	0.113	2.17	1.17	0.349B	26
27	0.740B	1.98 B	10.6 B	1.53	0.634	0.615	0.268	0.142	0.120	1.80	1.18	0.346B	27
28	0.720B	1.80 B	11.8	2.33	0.678	0.534	0.238	0.138	0.128	1.22	1.34	0.343B	28
29	0.689B	1.63 B	7.89	11.2	0.615	0.788	0.224	0.145	0.128	1.02	1.88	0.340B	29
30	0.692B		7.70	9.19	0.488	0.729	0.188	0.148	0.128	0.819	1.59	0.328B	30
31	4.80 B		8.88		0.463		0.181	0.129		0.894		0.312B	31
TOTAL	32.113	61.387	134.30	124.67	39.298	10.409	10.608	4.324	3.807	14.389	78.832	18.852	TOTAL
MEAN	1.04	2.13	4.33	4.16	1.27	0.347	0.349	0.139	0.120	0.464	2.56	0.634	MEAN
MAX	4.80	15.2	22.0	14.6	5.14	1.30	1.77	0.181	0.137	2.18	9.38	1.41	MAX
MIN	0.688	0.840	1.18	1.22	0.463	0.162	0.148	0.102	0.105	0.128	0.852	0.312	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 1.44
MAXIMUM DAILY, 22.0B ON MAR 26
MINIMUM DAILY, 0.102A ON AUG 23

SUMMARY FOR THE YEAR 1988

TYPE OF GAUGE - RECORDING
LOCATION - LAT 45 13 40 N
LONG 75 24 48 W
DRAINAGE AREA, 189 km²
A - MANUAL GAUGE
B - ICE CONDITIONS

NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	2 770	JUL	934
FEB	5 300	AUG	374
MAR	11 600	SEP	312
APR	10 800	OCT	1 240
MAY	3 400	NOV	8 640
JUN	889	DEC	1 430

TOTAL DISCHARGE, 45 700 dam³

SOUTH MAITLAND RIVER AT SUMMERHILL - STATION NO. 02FE009

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1988

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	5.608	28.8 B	3.128	13.1	1.74	0.749	0.120	0.149	0.028	0.170	5.32	8.23	1
2	4.728	23.0 B	2.758	9.59	1.60	0.726	0.115	0.178	0.024	0.288	4.38	8.81	2
3	4.208	16.5 B	2.428	10.6	1.48	0.658	0.114	0.186	0.031	0.740	3.46	7.83	3
4	3.708	11.2 B	2.308	15.2	1.50	0.572	0.100	0.157	0.075	0.936	3.08	7.40	4
5	3.208	8.308	2.208	12.8	1.83	0.534	0.090	0.128	0.388	0.848	3.88	8.15	5
6	2.858	4.808	2.018	9.38	1.33	0.497	0.085	0.121	0.492	0.788	10.6	5.14	6
7	2.488	4.538	2.428	7.21	1.15	0.471	0.078	0.131	0.449	0.658	11.1	4.65	7
8	2.188	4.308	5.948	5.54	1.04	0.443	0.081	0.123	0.320	0.577	8.57	3.74	8
9	1.808	4.208	23.4 B	4.43	1.17	0.428	0.042	0.116	0.218	0.483	12.4	3.008	9
10	1.618	4.108	37.3 B	3.76	1.43	0.408	0.036	0.115	0.180	0.480	33.2	2.808	10
11	1.408	4.038	42.0	3.25	1.23	0.373	0.038	0.115	0.104	11.1	38.8	2.408	11
12	1.288	3.828	38.3	2.88	1.04	0.349	0.036	0.104	0.081	15.5	35.3	1.958	12
13	1.188	2.788	30.7	2.91	1.04	0.321	0.036	0.092	0.085	11.3	43.8	1.708	13
14	1.128	2.178	23.7	2.82	1.01	0.307	0.038	0.082	0.083	8.14	40.7	1.618	14
15	1.088	3.828	18.3	2.76	0.980	0.289	0.035	0.081	0.089	3.82	31.8	1.788	15
16	1.048	5.808	9.18	2.38	4.25	0.313	0.032	0.073	0.053	2.47	21.8	1.708	16
17	1.888	8.228	8.98	2.18	3.98	0.304	0.035	0.083	0.130	2.02	13.8	1.808	17
18	4.888	8.888	8.28	2.87	2.33	0.278	0.033	0.045	0.230	3.48	9.28	1.488	18
19	7.388	4.948	5.88	2.40	1.78	0.258	0.035	0.030	0.233	8.47	8.70	1.408	19
20	8.208	4.568	4.928	2.20	1.59	0.235	0.037	0.022	0.215	4.88	8.18	8.908	20
21	13.7 B	4.088	4.428	2.70	8.84	0.208	0.043	0.018	0.207	2.84	11.7	38.7	21
22	10.1 B	3.388	3.848	2.47	9.37	0.175	0.071	0.014	0.211	2.14	14.3	27.8	22
23	7.858	2.858	9.38	2.88	4.84	0.173	0.088	0.010	0.307	2.80	10.3	22.8	23
24	5.808	5.108	41.7	4.11	3.08	0.183	0.082	0.014	0.627	8.79	7.78	17.0	24
25	4.858	4.858	60.0	3.32	2.14	0.148	0.080	0.013	0.734	25.8	8.12	18.1	25
26	3.828	4.088	63.8	2.72	1.88	0.132	0.080	0.020	0.478	38.1	5.33	9.83	26
27	3.158	3.708	51.4	2.49	1.44	0.110	0.085	0.034	0.362	37.8	5.17	8.78	27
28	2.888	3.458	35.7	2.41	1.22	0.109	0.068	0.038	0.250	35.8	5.16	28.2	28
29	1.788	3.308	28.3	2.18	1.07	0.113	0.088	0.037	0.208	26.1	5.20	22.0 B	29
30	4.808		25.5	2.02	0.838	0.117	0.059	0.034	0.178	18.8	5.78	14.2 B	30
31	22.0 B		19.2		0.828		0.084	0.033		8.08		8.708	31
TOTAL	141.83	188.50	810.43	145.80	88.734	9.889	1.815	2.355	7.000	275.316	421.86	295.77	TOTAL
MEAN	4.58	6.43	19.7	4.86	2.22	0.332	0.082	0.076	0.233	8.88	14.1	9.57	MEAN
MAX	22.0	28.8	63.8	15.2	9.37	0.748	0.120	0.178	0.734	37.8	43.8	38.7	MAX
MIN	1.04	2.17	2.01	2.02	0.828	0.108	0.032	0.010	0.024	0.170	3.08	1.40	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 6.92
MAXIMUM DAILY, 63.8 ON MAR 26
MINIMUM DAILY, 0.010 ON AUG 23
MAXIMUM INSTANTANEOUS,
75.5 AT 19:15 EST ON MAR 25

SUMMARY FOR THE YEAR 1988

TYPE OF GAUGE - RECORDING
LOCATION - LAT 43 41 04 N
LONG 81 32 38 W
DRAINAGE AREA, 376 km²

B - ICE CONDITIONS

NATURAL FLOW

MONTHLY TOTAL DISCHARGE
IN CUBIC DECAMETRES

JAN	12 300	JUL	186
FEB	16 100	AUG	263
MAR	52 700	SEP	605
APR	12 800	OCT	23 800
MAY	5 940	NOV	36 400
JUN	880	DEC	25 600

TOTAL DISCHARGE, 187 000 dam³

SOUTH NATION RIVER AT CASSELMAN - STATION NO. 02LB013

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1988

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	8.21	138	7.35	75.1	76.5	---	---	---	---	2.25	13.0	18.9	1
2	7.24	87.9	6.76	83.2	52.1	---	---	---	---	1.18	32.0	18.8	2
3	6.46	28.8	6.71	61.3	36.6	---	---	---	---	1.08	87.2	12.8	3
4	4.51	18.4	8.21	152	25.7	---	---	---	---	2.88	77.4	8.52	4
5	3.80	11.3	4.98	138	19.6	---	---	---	---	8.18	58.6	6.31	5
6	3.81	8.51	3.80	88.5	14.0	---	---	---	---	11.8	123	6.83	6
7	1.78	8.44	3.55	72.2	10.4	---	---	---	---	4.82	131	8.72	7
8	1.11	9.07	3.23	58.8	8.05	---	---	---	---	3.60	91.0	6.38	8
9	1.10	9.03	8.68	53.2	6.40	---	---	---	---	3.17	75.7	4.88	9
10	1.08	8.73	43.8	44.9	5.25	---	---	---	---	3.04	68.9	3.48	10
11	0.870	8.50	57.5	35.4	4.12	---	---	---	---	2.67	61.1	2.83	11
12	0.818	4.76	42.4	27.8	3.38	---	---	---	---	1.58	50.0	1.84	12
13	1.11	3.85	26.8	22.3	3.01	---	---	---	---	1.88	40.8	1.09	13
14	1.24	3.82	14.5	20.0	2.37	---	---	---	---	2.43	38.5	1.08	14
15	1.10	2.65	10.9	20.7	2.42	---	---	---	---	2.18	33.6	1.11	15
16	0.938	2.83	14.8	18.2	2.42	---	---	---	---	2.02	28.1	0.988	16
17	0.807	3.03	21.3	15.3	2.21	---	---	---	---	1.43	23.8	0.780	17
18	1.04	3.18	39.4	13.3	2.88	---	---	---	---	1.43	19.1	0.821	18
19	1.62	3.41	31.2	10.9	3.78	---	---	---	---	1.04	16.4	0.880	19
20	4.02	4.32	21.7	8.08	5.38	---	---	---	---	1.56	14.2	0.890	20
21	8.56	5.06	13.8	7.78	14.8	---	---	---	---	2.44	18.8	0.758	21
22	8.68	5.61	9.71	7.83	26.3	---	---	---	---	1.26	21.7	1.89	22
23	9.14	10.3	7.19	7.84	15.1	---	---	---	2.88	2.87	24.8	3.42	23
24	7.01	16.4	37.6	8.87	9.28	---	---	---	1.41	24.1	24.3	2.74	24
25	5.41	25.0	102	11.5	6.69	---	---	---	1.80	82.8	22.4	2.12	25
26	4.48	20.8	238	12.8	4.05	---	---	---	2.18	61.8	21.8	1.47	26
27	3.43	15.1	272	10.6	3.38	---	---	---	1.24	54.2	18.8	1.21	27
28	3.09	11.7	184	21.8	2.66	---	---	---	1.55	34.1	18.2	1.17	28
29	1.82	8.28	116	112	1.75	---	---	---	1.08	30.2	26.8	1.04	29
30	1.18		88.0	119	3.85	---	---	---	1.17	22.7	23.8	0.882	30
31	48.7		84.2		1.70		---	---	1.81	17.1		0.713	31
TOTAL	162.023	469.36	1 633.11	1 326.15	374.23	---	---	---	---	372.78	1 306.7	125.272	TOTAL
MEAN	4.90	16.2	48.5	44.2	12.1	---	---	---	---	12.0	43.8	4.04	MEAN
MAX	48.7	138	272	152	76.5	---	---	---	---	82.8	131	18.8	MAX
MIN	0.807	2.65	2.65	8.05	1.70	---	---	---	---	1.04	13.0	0.880	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MAXIMUM DAILY, 272 ON MAR 27

MAXIMUM INSTANTANEOUS,
303 AT 23:45 EST ON MAR 26

SUMMARY FOR THE YEAR 1988

TYPE OF GAUGE - RECORDING
LOCATION - LAT 45 19 01 N
LONG 75 05 32 W
DRAINAGE AREA, 2 410 km²

REGULATED

MONTHLY TOTAL DISCHARGE
IN CUBIC DECAMETRES

JAN	13 100	JUL	---
FEB	40 800	AUG	---
MAR	132 000	SEP	---
APR	115 000	OCT	32 200
MAY	32 300	NOV	113 000
JUN	---	DEC	10 800

SOUTH NATION RIVER AT CHESTERVILLE - STATION NO. 02LB009

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1988

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	---	---	---	---	---	---	---	---	---	---	---	---	1
2	---	---	---	---	---	---	---	---	---	---	---	---	2
3	---	---	---	---	---	---	---	---	---	---	---	---	3
4	---	---	---	---	---	---	---	---	---	---	---	---	4
5	---	---	---	---	---	---	---	---	---	---	---	---	5
6	---	---	---	---	---	---	---	---	---	---	---	---	6
7	---	---	---	---	---	---	---	---	---	---	---	---	7
8	---	---	---	---	---	---	---	---	---	---	---	---	8
9	---	---	---	---	---	---	---	---	---	---	---	---	9
10	---	---	---	---	---	---	---	---	---	---	---	---	10
11	---	---	---	---	---	---	---	---	---	---	---	---	11
12	---	---	---	---	---	---	---	---	---	---	---	---	12
13	---	---	---	---	---	---	---	---	---	---	---	---	13
14	---	---	---	---	---	---	---	---	---	---	---	---	14
15	---	---	---	---	---	---	---	---	---	---	---	---	15
16	---	---	---	---	---	---	---	---	---	---	---	---	16
17	---	---	---	---	---	---	---	---	---	---	---	---	17
18	---	---	---	---	---	---	---	---	---	---	---	---	18
19	---	---	---	---	---	---	---	---	---	---	---	---	19
20	---	---	---	---	---	---	---	---	---	---	---	---	20
21	---	---	---	---	---	---	---	---	---	---	---	---	21
22	---	---	---	---	---	---	---	---	---	---	---	---	22
23	---	---	---	---	---	---	---	---	---	---	---	---	23
24	---	---	---	---	---	---	---	---	---	---	---	---	24
25	---	---	---	---	---	---	---	---	---	---	---	---	25
26	---	---	---	---	---	---	---	---	---	---	---	---	26
27	---	---	136 A	---	---	---	---	---	---	---	---	---	27
28	---	---	111	---	---	---	---	---	---	---	---	---	28
29	---	8.048	71.1	---	---	---	---	---	---	---	---	---	29
30	---		47.8A	---	---	---	---	---	---	---	---	---	30
31	---		---		---		---	---		---		---	31
TOTAL	---	---	---	---	---	---	---	---	---	---	---	---	TOTAL
MEAN	---	---	---	---	---	---	---	---	---	---	---	---	MEAN
MAX	---	---	---	---	---	---	---	---	---	---	---	---	MAX
MIN	---	---	---	---	---	---	---	---	---	---	---	---	MIN

SUMMARY FOR THE YEAR 1988

TYPE OF GAUGE - RECORDING
LOCATION - LAT 45 08 03 N
LONG 75 13 36 W
DRAINAGE AREA, 1 050 km²
A - MANUAL GAUGE
B - ICE CONDITIONS

REGULATED

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	---	JUL	---
FEB	---	AUG	---
MAR	---	SEP	---
APR	---	OCT	---
MAY	---	NOV	---
JUN	---	DEC	---

REMARKS - SEASONAL OPERATION (FRESHET) ONLY

SOUTH NATION RIVER AT SPENCERVILLE - STATION NO. 02LB007

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1988

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	1.40	4.95	1.47	10.2	8.85	0.735	0.015	0.012	0.120	0.018	3.22	2.84	1
2	1.15	3.77 B	1.33	9.78	8.14	0.608	0.013	0.008	0.105	0.065	3.83	2.53	2
3	0.902	2.78 B	1.23	9.74	4.85	0.546	0.011	0.006	0.097	0.113	5.66	2.42	3
4	0.762	1.52 B	1.15	14.0	4.00	0.486	0.010	0.005	0.088	0.147	9.72	2.14	4
5	0.674	1.15 B	1.07	15.6	3.38	0.489	0.009	0.005	0.078	0.172	9.67	1.82	5
6	0.805	0.988	0.943	11.4	2.87	0.461	0.007	0.005	0.084	0.188	11.0	1.72	6
7	0.693	0.837	0.864	9.54	2.36	0.418	0.008	0.005	0.054	0.178	13.4	1.66	7
8	0.623	0.742	0.875	7.87	1.95	0.445	0.007	0.004	0.048	0.151	12.5	1.59	8
9	0.575	0.638	1.20 B	6.71	1.71	0.402	0.008	0.005	0.040	0.138	10.4	1.38	9
10	0.560	0.605	3.49 B	5.86	1.48	0.345	0.007	0.005	0.038	0.141	8.83	1.18	10
11	0.522	0.571	5.44	5.14	1.23	0.312	0.007	0.004	0.044	0.153	7.92	0.978	11
12	0.521	0.814	5.33	4.38	1.05	0.244	0.008	0.003	0.030	0.149	6.47	0.818	12
13	0.520	0.582	3.88	3.83	0.931	0.183	0.008	0.006	0.026	0.148	5.71	0.693	13
14	0.518	0.547	3.15	3.50	0.868	0.128	0.008	0.007	0.024	0.153	5.08	0.682	14
15	0.308	0.582	2.88	3.15	0.844	0.107	0.008	0.017	0.023	0.147	4.78	0.656	15
16	0.301	0.838	2.98	2.90	0.885	0.102	0.008	0.031	0.017	0.128	4.84	0.627	16
17	0.290	0.843	3.62	2.84	1.48	0.092	0.008	0.064	0.016	0.131	4.27	0.389	17
18	0.290	0.893	4.23	2.48	3.18	0.078	0.010	0.073	0.022	0.147	3.77	0.398	18
19	0.284	0.737	4.10	2.48	3.01	0.087	0.012	0.064	0.020	0.145	3.31	0.350	19
20	0.329	0.846	3.48	2.23	5.50	0.082	0.008	0.058	0.023	0.145	3.01	0.390	20
21	0.6798	0.882	2.82	2.14	5.51	0.047	0.005	0.054	0.028	0.137	3.56	0.684	21
22	1.01 B	1.10	1.98	2.22	6.71	0.048	0.005	0.051	0.028	0.248	4.37	0.698	22
23	0.9838	1.81	1.88	2.14	4.85	0.036	0.005	0.048	0.030	0.514	4.88	0.654	23
24	0.817	2.03	8.84	2.28	3.51	0.024	0.008	0.057	0.037	1.39	4.45	0.608	24
25	0.855	2.78	10.5 B	2.54	2.89	0.022	0.007	0.078	0.038	3.89	3.98	0.850	25
26	0.571	3.20	35.0 B	2.54	2.38	0.018	0.007	0.118	0.025	7.48	3.86	0.574	26
27	0.484	2.81	33.5 B	2.48	1.84	0.014	0.007	0.138	0.025	8.15	3.43	0.551	27
28	0.414	2.08	28.7 B	2.88	1.38	0.013	0.007	0.155	0.024	8.02	3.36	0.537	28
29	0.387	1.71	18.8	7.83	1.20	0.013	0.007	0.155	0.020	4.85	3.31	0.538	29
30	0.330		12.1	10.1	1.01	0.015	0.011	0.157	0.018	4.22	3.26	0.526	30
31	1.72		11.2		0.858		0.012	0.137		3.80		0.503	31
TOTAL	18.238	42.534	201.812	170.54	81.387	5.519	0.260	1.539	1.239	43.455	178.59	30.485	TOTAL
MEAN	0.588	1.47	6.51	5.68	2.85	0.217	0.008	0.050	0.041	1.40	5.68	0.983	MEAN
MAX	1.72	4.95	33.5	15.6	8.85	0.735	0.015	0.157	0.120	8.15	13.4	2.84	MAX
MIN	0.290	0.547	0.854	2.14	0.844	0.013	0.005	0.003	0.016	0.018	3.01	0.350	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 2.14
MAXIMUM DAILY, 33.5B ON MAR 27
MINIMUM DAILY, 0.003 ON AUG 12

SUMMARY FOR THE YEAR 1988

TYPE OF GAUGE - RECORDING
LOCATION - LAT 44 50 32 N
LONG 75 32 38 W
DRAINAGE AREA, 345 km²

B - ICE CONDITIONS

NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	1 580	JUL	21.6
FEB	3 870	AUG	133
MAR	17 400	SEP	107
APR	14 700	OCT	3 760
MAY	7 800	NOV	15 300
JUN	553	DEC	2 630

TOTAL DISCHARGE, 67 800 dam³

SOUTH NATION RIVER NEAR PLANTAGENET SPRINGS - STATION NO. 02LB005

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1988

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	47.1	146 B	22.5	221	184	6.74	29.7	1.81	5.14	1.38	26.0	36.6	1
2	26.3	182 B	20.0B	182	109	5.59	34.0	1.14	4.15	2.01	47.0	34.3	2
3	21.2	94.5B	18.1B	156	74.2	4.61	22.8	1.84 A	3.28	4.26	157	29.2	3
4	16.8	54.9B	16.4B	226	53.7	4.04	14.3	1.56	2.58	4.73	182	24.6	4
5	15.5 B	35.5B	14.7B	281	40.3	3.51	9.37	1.76	2.83	8.84	114	21.4	5
6	13.0 B	26.2B	13.3B	215	33.7	3.42	8.29	2.81	2.71	10.8	182	20.1	6
7	11.8 B	17.0B	12.5B	180	27.3	2.82	4.84	2.58	2.38	12.4	255	18.8	7
8	10.5 B	15.5B	11.4B	118	23.6	2.85	3.40	1.80	2.31	11.4	180	16.7	8
9	9.70B	14.5B	12.4B	88.0	20.4	2.43	3.04	1.58	2.11	10.0	150	15.8	9
10	9.20B	14.0B	26.0B	88.6	18.3	2.19	2.56	1.38	1.98	8.03	127	13.9	10
11	8.80B	13.2B	72.1B	70.4	16.5	2.26	2.38	1.43	1.58	7.19	114	12.2	11
12	8.55B	12.8B	80.0B	58.7	15.2	2.36	3.21	1.10	1.43	7.14	94.7	11.8	12
13	8.30B	12.4B	58.0B	46.2	14.1	1.55	3.36	0.812	1.21	8.26	73.7	11.4	13
14	8.12B	12.0B	34.0B	41.5	14.5	1.44	2.53	0.896	1.12	8.61	80.1	7.72	14
15	7.92B	11.9B	26.2	42.0	13.8	1.29	2.12	1.30	1.13	8.88	74.3	8.80	15
16	7.77B	12.3B	26.3	42.0	12.8	1.12	1.75	1.50	1.81	8.88	58.6	8.05B	16
17	7.85B	12.7B	35.1	38.3	13.7	0.85B	1.58	1.40	1.31	8.08	48.0	8.70B	17
18	7.47	13.2B	87.8	34.4	12.6	0.85B	1.33	1.11	2.22	8.79	41.4	8.40B	18
19	8.13	13.8B	62.6	32.8	12.8	0.87I	1.59	1.16	2.46	8.82	35.3	8.05B	19
20	8.89	14.6B	46.6	26.3	14.5	0.87B	1.71	1.03	2.28	8.84	30.6	4.85	20
21	13.9	15.8B	33.5	23.3	18.6	0.87B	1.48	1.00	2.91	8.91	30.5	8.26	21
22	17.3	17.0B	25.8	22.8	28.7	1.14	1.37	1.29	3.35	7.29	33.6	8.84B	22
23	18.7	18.2B	21.5	22.5	28.7	1.91	1.32	1.01	2.88	18.6	34.7	7.10B	23
24	18.2	23.0B	25.1	23.1	22.7	2.42	1.33	1.19	2.51	40.8	33.8	7.41B	24
25	16.9	37.0B	109 B	26.6	16.9	4.15	2.12	6.35	2.49	103	33.1	7.75B	25
26	11.0 B	46.1	230 B	27.7	13.9	17.5	4.90	8.97	2.38	117	31.0	7.40B	26
27	9.58B	37.0	351 B	28.7	11.5	17.7	4.58	8.80	2.14	94.1	29.5	7.10B	27
28	8.70B	29.7	338 B	41.3	9.30	10.8	4.07	7.87	1.87	71.3	34.2	8.90B	28
29	8.10B	25.8	305 B	152	8.24	8.40	3.43	8.57	1.48	50.4	47.8	8.80B	29
30	7.80B		324 B	226	8.88	13.5	3.44	8.42	1.84	42.4	46.6	8.50B	30
31	13.3 B		283 B		8.35		2.67	8.88		36.2		8.80B	31
TOTAL	410.08	959.8	2 713.1	2 777.2	880.45	130.816	182.88	88.868	88.14	717.76	2 388.8	388.26	TOTAL
MEAN	13.2	35.1	87.5	92.6	28.4	4.36	5.88	2.88	2.30	23.2	79.8	12.8	MEAN
MAX	47.1	182	351	281	184	17.7	34.0	8.97	8.14	117	255	36.6	MAX
MIN	7.47	11.8	11.4	22.5	8.88	0.85B	1.32	0.812	1.12	1.36	28.0	4.85	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 32.0
MAXIMUM DAILY, 3518 ON MAR 27
MINIMUM DAILY, 0.812 ON AUG 13

SUMMARY FOR THE YEAR 1988

TYPE OF GAUGE - RECORDING
LOCATION - LAT 45 30 23 N
LONG 74 57 20 W
DRAINAGE AREA, 3 810 km²
A - MANUAL GAUGE
B - ICE CONDITIONS

REGULATED

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	35 400	JUL	15 800
FEB	82 800	AUG	7 880
MAR	234 000	SEP	5 870
APR	240 000	OCT	62 000
MAY	76 100	NOV	207 000
JUN	11 300	DEC	33 600

TOTAL DISCHARGE, 1 010 000 dam³

SOUTH PARKHILL CREEK NEAR PARKHILL - STATION NO. 02FF004

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1988

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	0.124	1.51	0.178	0.315	0.086	0.008	0	0.136	0	0	0.122	0.182	1
2	0.081	0.598	0.268	0.259	0.063	0.035	0	0.081	0	0	0.121	0.197	2
3	0.071	0.373	0.660	0.441	0.076	0.020	0	0.018	0	0.001	0.113	0.309	3
4	0.0808	0.2308	0.272	0.888	0.070	0.011	0	0.008	0	0.013	0.110	0.528	4
5	0.0488	0.1908	0.223	0.644	0.065	0.008	0	0.004	0	0.011	0.804	0.309	5
6	0.0388	0.1588	0.527	0.398	0.065	0.008	0	0.006	0	0.086	1.88	0.247	6
7	0.0338	0.1408	0.845	0.517	0.054	0.004	0	0.006	0	0.063	0.681	0.210	7
8	0.0308	0.1188	1.63	0.456	0.045	0.004	0	0.002	0	0.024	0.685	0.185	8
9	0.0258	0.1008	1.83	0.337	0.053	0.004	0	0.001	0	0.013	0.900	0.121	9
10	0.0188	0.0888	0.848	0.239	0.078	0.004	0	0	0	0.012	8.80	0.088	10
11	0.0148	0.0758	0.573	0.197	0.057	0.003	0	0	0	0.106	1.82	0.083	11
12	0.0128	0.0688	0.648	0.172	0.048	0.002	0	0	0	0.733	0.884	0.0808	12
13	0.0118	0.0628	1.06	0.138	0.039	0.002	0	0	0	2.13	11.1	0.0868	13
14	0.0108	0.0588	0.617	0.143	0.033	0.001	0	0	0	8.58	4.84	0.0488	14
15	0.0098	0.0868	0.487	0.207	0.032	0	0	0	0	7.09	0.883	0.0418	15
16	0.0088	0.2148	0.424	0.163	0.122	0	0	0.001	0	1.18	0.822	0.0388	16
17	0.112	0.2458	0.366	0.140	0.171	0	0.097	0.002	0	0.637	0.678	0.0358	17
18	0.847	0.347	0.430	0.222	0.104	0	0.115	0	0	8.73	0.403	0.0328	18
18	0.206	0.444	0.466	0.203	0.080	0	0.038	0	0	1.84	0.314	0.0308	19
20	0.241	1.17	0.409	0.170	0.076	0	0.012	0	0	0.770	1.61	0.185	20
21	0.274	0.784	0.326	0.171	0.071	0	0.006	0	0	0.474	8.71	0.437	21
22	0.088	1.28	0.274	0.141	0.064	0	0.003	0	0	1.41	1.73	0.238	22
23	0.074	7.95	4.84	0.186	0.049	0	0.002	0	0	0.618	0.788	1.09	23
24	0.068	1.29	11.2	0.215	0.042	0	0.001	0	0	0.883	0.518	1.06	24
25	0.080	0.586	5.86	0.184	0.031	0	0	0	0	1.31	0.381	0.480	25
26	0.052	0.385	3.47	0.141	0.024	0	0	0	0	0.988	0.326	0.2808	26
27	0.042	0.255	1.03	0.128	0.017	0	0	0	0	0.610	0.348	1.45	27
28	0.040	0.183	0.622	0.130	0.012	0	0	0	0	0.348	0.296	8.83	28
29	0.036	0.178	0.676	0.113	0.011	0	0	0	0	0.238	0.227	0.6328	29
30	0.185		0.513	0.108	0.009	0	0	0	0	0.170	0.206	0.3828	30
31	0.711		0.376		0.007		0.321	0		0.133		0.2418	31
TOTAL	3.630	19.188	41.873	7.647	1.785	0.110	0.598	0.273	0	32.881	47.830	18.049	TOTAL
MEAN	0.117	0.662	1.35	0.255	0.058	0.004	0.018	0.008	0	1.06	1.59	0.582	MEAN
MAX	0.847	7.95	11.2	0.888	0.171	0.035	0.321	0.136	0	7.09	11.1	8.83	MAX
MIN	0.008	0.058	0.178	0.108	0.007	0	0	0	0	0	0.110	0.030	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 0.475
MAXIMUM DAILY, 11.2 ON MAR 24
MINIMUM DAILY, 0 ON JUN 15
MAXIMUM INSTANTANEOUS,
24.5 AT 18:55 EST ON NOV 13

SUMMARY FOR THE YEAR 1988

TYPE OF GAUGE - RECORDING
LOCATION - LAT 43 09 35 N
LONG 81 43 55 W
DRAINAGE AREA, 41.4 km²

B - ICE CONDITIONS

NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	313	JUL	61.7
FEB	1 660	AUG	23.6
MAR	3 620	SEP	0
APR	881	OCT	2 840
MAY	154	NOV	4 130
JUN	9.60	DEC	1 660

TOTAL DISCHARGE, 15 000 dam³

SOUTH RAISIN RIVER DIVERSION AT LONG SAULT - STATION NO. 02MC005

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1988

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	---	---	---	---	---	---	0.177	0.107	0.055	---	---	---	1
2	---	---	---	---	---	---	0.178	0.103	0.054	---	---	---	2
3	---	---	---	---	---	---	0.188	0.104	0.050	---	---	---	3
4	---	---	---	---	---	---	0.173	0.103	0.049	---	---	---	4
5	---	---	---	---	---	---	0.175	0.098	0.051	---	---	---	5
6	---	---	---	---	---	---	0.184	0.101	0.052	---	---	---	6
7	---	---	---	---	---	---	0.193	0.102	0.052	---	---	---	7
8	---	---	---	---	---	---	0.187	0.101	0.051	---	---	---	8
9	---	---	---	---	---	---	0.210	0.100	0.048	---	---	---	9
10	---	---	---	---	---	---	0.208	0.097	0.048	---	---	---	10
11	---	---	---	---	---	---	0.209	0.097	0.047	---	---	---	11
12	---	---	---	---	---	---	0.127A	0.097	0.048	---	---	---	12
13	---	---	---	---	---	---	0.014	0.081	0.022	---	---	---	13
14	---	---	---	---	---	0.185	0.013	0.086	---	---	---	---	14
15	---	---	---	---	---	0.340	0.014	0.087	---	---	---	---	15
16	---	---	---	---	---	0.288	0.011	0.088	---	---	---	---	16
17	---	---	---	---	---	0.271	0.011	0.086	---	---	---	---	17
18	---	---	---	---	---	0.278	0.011	0.078	---	---	---	---	18
19	---	---	---	---	---	0.235	0.078	0.080	---	---	---	---	19
20	---	---	---	---	---	0.237	0.122	0.084	---	---	---	---	20
21	---	---	---	---	---	0.230	0.116	0.077	---	---	---	---	21
22	---	---	---	---	---	0.233	0.116	0.075	---	---	---	---	22
23	---	---	---	---	---	0.228	0.114	0.071	---	---	---	---	23
24	---	---	---	---	---	0.218	0.114	0.071	---	---	---	---	24
25	---	---	---	---	---	0.224	0.112	0.062	---	---	---	---	25
26	---	---	---	---	---	0.220	0.116	0.058	---	---	---	---	26
27	---	---	---	---	---	0.208	0.114	0.053	---	---	---	---	27
28	---	---	---	---	---	0.201	0.112	0.048	---	---	---	---	28
29	---	---	---	---	---	0.201	0.112	0.048	---	---	---	---	29
30	---		---	---	---	0.180	0.112	0.052	---	---	---	---	30
31	---		---		---		0.112	0.052		---		---	31
TOTAL	---	---	---	---	---	---	3.755	2.852	---	---	---	---	TOTAL
MEAN	---	---	---	---	---	---	0.121	0.092	---	---	---	---	MEAN
MAX	---	---	---	---	---	---	0.210	0.107	---	---	---	---	MAX
MIN	---	---	---	---	---	---	0.011	0.048	---	---	---	---	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MAXIMUM DAILY, 0.340 ON JUN 15
MINIMUM DAILY, 0.011 ON JUL 18

SUMMARY FOR THE MONTHS MAY TO OCT

TYPE OF GAUGE - RECORDING
LOCATION - LAT 45 01 48 N
LONG 74 53 20 W

A - MANUAL GAUGE

REGULATED

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	---	JUL	324
FEB	---	AUG	220
MAR	---	SEP	---
APR	---	OCT	---
MAY	---	NOV	---
JUN	---	DEC	---

SOUTH RAISIN RIVER NEAR CORNWALL - STATION NO. 02MC030

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1988

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	---	---	---	0.893	---	---	---	---	---	---	---	---	1
2	---	---	---	0.783	---	---	---	---	---	---	---	---	2
3	---	---	---	0.812	---	---	---	---	---	---	---	---	3
4	---	---	---	2.36	---	---	---	---	---	---	---	---	4
5	---	---	---	1.49	---	---	---	---	---	---	---	---	5
6	---	---	---	0.883	---	---	---	---	---	---	---	---	6
7	---	---	---	0.778	---	---	---	---	---	---	---	---	7
8	---	---	---	0.718	---	---	---	---	---	---	---	---	8
9	---	---	---	---	---	---	---	---	---	---	---	---	9
10	---	---	---	---	---	---	---	---	---	---	---	---	10
11	---	---	---	---	---	---	---	---	---	---	---	---	11
12	---	---	---	---	---	---	---	---	---	---	---	---	12
13	---	---	---	---	---	---	---	---	---	---	---	---	13
14	---	---	---	---	---	---	---	---	---	---	---	---	14
15	---	---	---	---	---	---	---	---	---	---	---	---	15
16	---	---	0.2808	---	---	---	---	---	---	---	---	---	16
17	---	0.1288	0.2818	---	---	---	---	---	---	---	---	---	17
18	---	---	0.2808	---	---	---	---	---	---	---	---	---	18
19	---	---	0.2118	---	---	---	---	---	---	---	---	---	19
20	---	---	0.1788	---	---	---	---	---	---	---	---	---	20
21	---	---	0.1468	---	---	---	---	---	---	---	---	---	21
22	---	---	0.1238	---	---	---	---	---	---	---	---	---	22
23	---	---	0.1068	---	---	---	---	---	---	---	---	---	23
24	---	---	1.15 E	---	---	---	---	---	---	---	---	---	24
25	---	---	2.51 E	---	---	---	---	---	---	---	---	---	25
26	---	---	4.21 E	---	---	---	---	---	---	---	---	---	26
27	---	---	3.69 E	---	---	---	---	---	---	---	---	---	27
28	---	---	1.67	---	---	---	---	---	---	---	---	---	28
29	---	---	0.945	4.06 E	---	---	---	---	---	---	---	---	29
30	---		0.820	2.69 E	---	---	---	---	---	---	---	---	30
31	---		1.00		---		---	---		---		---	31
TOTAL	---	---	---	---	---	---	---	---	---	---	---	---	TOTAL
MEAN	---	---	---	---	---	---	---	---	---	---	---	---	MEAN
MAX	---	---	---	---	---	---	---	---	---	---	---	---	MAX
MIN	---	---	---	---	---	---	---	---	---	---	---	---	MIN

SUMMARY FOR THE YEAR 1988

TYPE OF GAUGE - RECORDING
LOCATION - LAT 45 03 05 N
LONG 74 46 25 W
DRAINAGE AREA, 25.8 km²

B - ICE CONDITIONS
E - ESTIMATED
NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	---	JUL	---
FEB	---	AUG	---
MAR	---	SEP	---
APR	---	OCT	---
MAY	---	NOV	---
JUN	---	DEC	---

SOUTH RIVER AT SOUTH RIVER - STATION NO. 02DD005

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1988

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	4.158	4.98	3.488	11.1	8.73	3.74	1.77	1.60	2.84	1.70	7.28	9.85	1
2	4.208	10.0	3.84	13.2	8.32	3.68	1.73	1.44	2.39	2.63	8.88	9.81	2
3	4.308	12.5	3.65	17.0	8.03	3.39	1.72	1.37	2.17	3.28	8.60	9.48	3
4	4.408	10.1	3.888	24.1	7.25	3.19	1.76	1.33	2.08	5.12	8.34	8.94	4
5	4.508	8.68	3.828	30.2	8.13	3.02	1.73	1.88	2.42	7.83	8.41	8.01	5
6	4.708	7.88	3.808	33.8	8.21	2.82	1.85	2.13	2.45	7.06	8.37	7.88	6
7	4.708	8.88	3.778	36.3	4.70	2.06	1.81	2.30	2.58	6.38	8.45	7.80	7
8	4.858	8.20	3.738	35.4	4.76	2.08	1.70	2.40	2.86	5.90	8.69	8.81	8
9	4.808	8.74	3.708	32.2	4.82	2.09	1.78	2.70	2.51	5.41	8.75	8.33	9
10	4.75	4.828	3.728	28.0	5.32	1.38	1.77	3.35	2.31	5.10	7.73	8.18	10
11	4.48	4.808	3.83	23.3	5.48	0.821	1.91	3.45	2.18	5.08	10.2	4.84	11
12	4.18	4.528	4.32	18.4	5.42	1.08	1.88	3.41	2.05	5.31	11.8	4.70	12
13	4.18	4.428	4.68	16.4	5.74	1.18	1.81	3.09	1.89	5.82	12.2	4.55	13
14	5.23	4.358	4.58	15.0	8.04	1.27	1.72	3.54	1.84	6.88	12.4	4.508	14
15	5.80	4.258	4.25	12.4	8.48	1.35	1.69	3.78	1.83	6.81	14.2	4.408	15
16	5.08	4.208	3.91	7.88	8.81	1.37	1.88	3.77	1.80	5.33	16.8	4.358	16
17	4.87	4.108	3.888	10.0	8.08	1.38	1.85	3.73	1.85	5.08A	14.0	4.35	17
18	4.47	4.058	3.45	11.1	7.52	1.31	1.82	3.49	1.78	7.28A	12.6	4.28	18
19	4.21	4.028	3.28	11.4	7.02	1.27	1.89	3.21	1.78	8.77	11.8	4.14	19
20	4.04	4.008	3.148	11.4	6.81	1.23	1.69	2.84	1.88	10.2	10.8	4.08	20
21	3.858	3.988	3.008	10.4	6.59	1.23	1.86	2.86	1.88	10.8	8.78	4.44	21
22	3.708	3.938	2.858	9.74	6.82	1.24	1.58	2.38	1.85	10.1	8.21	4.48	22
23	3.66	3.908	2.76	10.0	6.31	1.32	1.80	2.22	1.88	8.82	8.22	4.47	23
24	3.508	3.858	2.79	10.2	5.94	1.46	1.88	2.15	1.87	11.0	8.14	4.82	24
25	3.408	3.88	3.10	10.7	5.52	1.88	1.72	2.53	1.89	11.8	8.78	5.42	25
26	3.308	3.81	3.94	10.7	5.21	1.78	1.72	3.11	1.82	10.3	8.33	5.87	26
27	3.258	3.888	5.24	10.8	4.87	1.88	1.75	3.37	1.84	9.16	8.88	5.88	27
28	3.188	3.908	6.25	10.3	4.88	1.81	1.76	3.37	1.77	8.88	8.78	5.48	28
29	3.118	3.908	7.33	9.78	4.47	1.78	1.88	3.21	1.72	8.30	10.3	5.24	29
30	3.06		8.37	8.11	4.21	1.78	1.83	3.04	1.88	8.04	10.4	5.01	30
31	3.80		9.42		3.86		1.80	2.91		7.72		4.78	31
TOTAL	128.84	155.37	132.13	501.11	193.74	55.411	52.31	85.84	61.94	218.46	287.16	176.15	TOTAL
MEAN	4.15	5.36	4.26	16.7	6.25	1.85	1.69	2.76	2.06	7.06	9.57	5.75	MEAN
MAX	5.80	12.5	9.42	36.3	8.73	3.74	1.91	3.77	2.85	11.8	16.8	9.85	MAX
MIN	3.06	3.81	2.76	7.88	3.86	0.821	1.52	1.33	1.86	1.70	8.34	4.08	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 5.60
MAXIMUM DAILY, 36.3 ON APR 7
MINIMUM DAILY, 0.821 ON JUN 11
MAXIMUM INSTANTANEOUS,
36.8 AT 19:13 EST ON APR 7

SUMMARY FOR THE YEAR 1988

TYPE OF GAUGE - RECORDING
LOCATION - LAT 45 50 54 N
LONG 79 22 48 W
DRAINAGE AREA, 318 km²
A - MANUAL GAUGE
B - ICE CONDITIONS

REGULATED

MONTHLY TOTAL DISCHARGE
IN CUBIC DECAMETRES

JAN	11 100	JUL	4 520
FEB	13 400	AUG	7 380
MAR	11 400	SEP	5 350
APR	43 300	OCT	18 900
MAY	16 700	NOV	24 800
JUN	4 790	DEC	15 400

TOTAL DISCHARGE, 177 000 dam³

SOUTH SAUGEEN RIVER NEAR HANOVER - STATION NO. 02FC012

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1988

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	8.598	82.4 B	5.348	36.8	7.78	1.72	0.915	1.13	0.838	0.748	4.85	7.44	1
2	8.848	84.3 B	5.208	28.0	7.08	1.65	0.873	1.10	0.883	1.10	4.07	8.71	2
3	8.028	25.8 B	4.988	29.8	6.92	1.58	0.824	0.907	0.885	1.80	3.82	8.04	3
4	8.128	21.4 B	4.928	42.3	4.83	1.51	0.792	0.818	0.885	2.03	3.38	8.188	4
5	4.468	11.7 B	4.888	44.9	4.28	1.48	0.778	0.748	1.84	1.83	3.48	4.728	5
6	4.128	9.448	4.718	34.2	3.89	1.43	0.736	0.693	2.05	1.85	4.57	4.128	6
7	3.888	8.158	4.448	24.7	3.52	1.41	0.683	0.845	1.48	1.59	8.56	3.858	7
8	3.908	7.188	4.388	18.8	3.15	1.41	0.632	0.780	1.20	1.53	7.45	3.568	8
9	3.628	8.388	4.808	14.9	3.14	1.41	0.549	0.721	1.12	1.47	8.88	3.308	9
10	3.748	6.188	6.028	11.8	4.14	1.36	0.501	0.808	0.982	1.81	18.0	3.028	10
11	3.898	5.958	8.308	9.44	4.47	1.27	0.520	1.13	0.880	2.82	38.8 A	2.818	11
12	3.688	5.778	12.3 B	7.88	4.11	1.22	0.800	1.83	0.836	4.24	31.7	2.628	12
13	3.628	5.598	11.8 B	6.81	3.88	1.18	0.638	1.58	0.828	3.34	28.8	2.488	13
14	3.508	5.428	10.0 B	6.40	3.77	1.08	0.615	1.18	0.743	2.71	30.0	2.878	14
15	3.388	5.858	9.628	6.54	3.61	1.01	0.880	1.28	0.870	2.32	23.8	2.788	15
16	3.788	5.758	8.408	6.27	6.37	1.17	0.581	1.34	0.820	2.05	18.4	2.808	16
17	4.228	6.828	7.808	5.87	10.0	1.08	0.878	1.30	0.883	1.88	15.8	3.438	17
18	5.468	11.2 B	8.928	5.41	8.06	0.994	0.845	1.08	0.781	2.20	12.7	3.288	18
19	8.488	10.6 B	8.218	5.80	8.38	0.936	0.898	1.08	0.803	2.86	9.88	3.238	19
20	10.8 B	10.2 B	8.828	6.17	5.37	0.892	0.587	1.00	0.804	3.10	8.78	4.808	20
21	12.7 B	9.388	8.208	8.32	8.72	0.800	0.578	0.901	0.858	2.80	10.8	10.3 B	21
22	10.2 B	7.708	8.048	8.26	7.14	1.16	0.572	0.785	0.858	2.70	12.7	12.4 B	22
23	9.288	7.228	8.238	8.84	8.16	1.61	0.760	0.680	0.988	2.48	11.2	11.8 B	23
24	8.408	7.018	23.8	8.88	4.81	1.57	0.625	0.681	1.20	2.54	8.78	11.2 B	24
25	7.878	8.788	49.8	10.7	3.88	1.42	1.07	0.740	1.11	3.80	7.88	8.128	25
26	7.238	8.488	85.7	8.70	3.26	1.26	1.14	0.842	1.02	8.76	8.88	7.248	26
27	8.418	8.288	88.8	8.58	2.83	1.23	0.973	0.783	0.886	7.51	8.77	8.858	27
28	8.028	8.848	88.7	7.87	2.61	1.18	0.812	0.803	0.850	7.06	7.41	11.1	28
28	8.418	8.448	48.0	7.22	2.32	1.04	0.770	0.722	0.778	7.43	7.46	12.8 B	29
30	8.888		80.1	7.83	2.11	0.958	0.688	0.720	0.748	8.31	7.37	11.8 B	30
31	21.0 B		48.7		1.88		1.18	0.888		8.37		10.2 B	31
TOTAL	201.87	351.27	611.08	434.18	147.88	38.071	23.385	28.810	26.311	98.138	370.49	190.83	TOTAL
MEAN	6.51	12.1	19.7	14.5	4.78	1.27	0.754	0.888	0.944	3.17	12.3	6.16	MEAN
MAX	21.0	82.4	88.8	44.8	10.0	1.72	1.18	1.83	2.05	7.51	38.8	12.8	MAX
MIN	3.58	5.42	4.38	5.87	1.88	0.892	0.501	0.681	0.885	0.748	3.38	3.23	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 8.90
MAXIMUM DAILY, 88.8 ON MAR 27
MINIMUM DAILY, 0.501 ON JUL 10
MAXIMUM INSTANTANEOUS,
111 AT 07:33 EST ON MAR 27

SUMMARY FOR THE YEAR 1988

TYPE OF GAUGE - RECORDING
LOCATION - LAT 44 08 55 N
LONG 80 59 09 W
DRAINAGE AREA, 835 km²
A - MANUAL GAUGE
B - ICE CONDITIONS

REGULATED

MONTHLY TOTAL DISCHARGE
IN CUBIC DECAMETRES

JAN	17 400	JUL	2 020
FEB	30 300	AUG	2 880
MAR	52 800	SEP	2 460
APR	37 500	OCT	8 460
MAY	13 700	NOV	32 000
JUN	3 280	DEC	16 800

TOTAL DISCHARGE, 218 000 dam³

SPANISH RIVER AT ESPANOLA - STATION NO. 02CE001

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1988

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	88.6	55.8	90.9	173	326	208	47.3	25.7	78.4	54.4	230	377	1
2	81.6	56.0	84.6	205	328	229	57.3	25.4	82.4	65.4	238	347	2
3	56.7	65.8	80.7	243	355	223	56.5	26.5	71.6	80.6	241	305	3
4	57.3	73.4	92.5	276	365	192	56.1	34.5	64.4	92.7	221	305	4
5	56.7	73.4	45.1	336	352	174	49.5	32.6	62.2	107	228	291	5
6	56.2	64.2	43.8	388	311	173	46.4	31.1	59.0	113	270	289	6
7	61.8	58.2	47.3	533	290	172	51.7	23.4	67.8	110	332	248	7
8	64.7	54.3	48.2	675	327	183	46.2	27.1	72.0	106	434	235	8
9	57.0	59.6	47.3	857	319	151	37.8	39.2	69.8	83.1	434	217	9
10	57.2	58.4	51.8	877	296	134	36.3	44.7	65.5	87.0	419	204	10
11	49.8	70.4	48.0	875	285	117	37.8	49.0	47.8	95.1	386	203	11
12	55.6	76.2	47.4	825	243	117	37.7	37.0	48.1	113	386	182	12
13	64.5	61.2	48.8	745	257	99.3	41.8	32.2	72.9	98.2	396	156	13
14	68.3	59.5	52.0	672	276	84.5	38.7	35.3	83.2	93.5	389	174	14
15	75.7	64.8	58.1	677	276	84.6	43.9	53.5	78.3	98.3	358	167	15
16	55.6	71.2	55.1	875	287	76.7	44.0	66.8	85.0	90.1	336	163	16
17	48.5	70.4	56.8	884	294	79.3	40.7	65.4	53.5	83.8	324	175	17
18	53.8	74.6	58.5	842	294	83.4	34.4	73.7	42.2	99.4	321	178	18
19	55.8	66.2	76.4	680	294	84.5	31.4	83.5	47.3	116	321	163	19
20	58.4	65.7	69.5	536	285	97.2	29.8	77.6	70.5	122	321	143	20
21	58.7	62.8	75.0	488	285	83.6	28.7	58.0	80.5	148	321	154	21
22	56.8	62.7	71.4	427	285	71.2	26.2	62.4	66.0	156	312	172	22
23	55.1	64.0	75.8	384	280	66.2	24.8	63.7	63.8	173	286	168	23
24	52.7	63.4	76.8	382	291	46.1	26.3	75.3	64.3	177	272	158	24
25	50.1	71.6	61.1	380	318	42.4	26.4	76.2	48.4	205	270	169	25
26	57.3	78.5	68.7	384	314	52.9	24.8	78.4	47.4	195	278	167	26
27	76.3	68.0	69.4	358	300	58.8	22.8	75.0	64.2	181	300	170	27
28	62.6	60.7	85.0	345	281	45.0	28.5	83.9	72.2	199	334	178	28
29	85.7	57.7	107	331	283	44.7	28.7	85.0	71.4	226	378	162	29
30	85.8		113	338	243	51.2	28.9	84.8	76.7	225	377	138	30
31	83.0		134		217		28.2	81.0		222		140	31
TOTAL	1 803.7	1 687.5	2 098.6	15 282	9 117	3 186.7	1 192.5	1 851.8	1 931.7	4 013.6	9 738	6 274	TOTAL
MEAN	58.2	65.1	67.7	509	294	106	37.5	53.3	64.4	129	325	202	MEAN
MAX	76.3	83.4	134	877	365	229	57.3	83.5	83.2	226	434	377	MAX
MIN	48.5	50.7	43.8	173	217	42.4	22.8	23.4	42.2	54.4	221	139	MIN

SUMMARY FOR THE YEAR 1988

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 189
MAXIMUM DAILY, 877 ON APR 10
MINIMUM DAILY, 22.8 ON JUL 27

TYPE OF GAUGE - POWER PLANT
LOCATION - LAT 46 15 05 N
LONG 81 46 20 W
DRAINAGE AREA, 11 400 km²

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	156 000	JUL	100 000
FEB	153 000	AUG	143 000
MAR	181 000	SEP	187 000
APR	1 320 000	OCT	347 000
MAY	788 000	NOV	841 000
JUN	276 000	DEC	542 000

TOTAL DISCHARGE, 5 020 000 dam³

DATA CONTRIBUTED BY -
EBBY FORESY PRODUCTS LIMITED

REGULATED

REMARKS - EXTREME HIGH WATER SPILLED FROM ONAPING LAKE INTO UPPER SPANISH RIVER

SPANISH RIVER AT HIGH FALLS - STATION NO. 02CE004

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1988

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	38.5	41.3	55.9	108	227	141	38.0	17.8	61.7	33.8	137	276	1
2	39.7	54.0	51.4	102	258	143	37.8	17.9	55.9	60.2	143	213	2
3	38.7	48.9	43.2	113	264	111	36.8	25.1	46.3	*70.8	139	209	3
4	43.0	54.6	39.8	128	261	113	37.7	17.7	46.7	60.6	110	207	4
5	37.8	53.1	38.5	155	224	107	33.1	20.9	48.8	78.8	130	202	5
6	40.3	36.7	33.1	196	200	88.8	33.0	15.8	53.0	72.3	152	176	6
7	53.8	36.7	42.9	389	220	105	26.3	15.9	58.0	70.7	238	174	7
8	37.5	43.3	39.8	478	222	105	23.6	19.7	56.6	56.2	214	172	8
9	36.1	48.4	36.7	481	220	92.8	23.4	26.0	49.5	55.6	288	144	9
10	38.4	58.8	40.8	476	188	87.9	24.1	31.3	41.8	55.2	248	135	10
11	43.9	61.7	40.7	443	156	76.8	21.2	26.2	48.3	89.5	243	137	11
12	41.6	62.0	38.4	400	148	75.4	32.8	28.8	51.8	87.8	248	95.3	12
13	52.0	47.7	37.8	384	179	61.4	26.3	18.8	66.2	87.1	245	96.8	13
14	83.1	47.8	39.1	384	188	61.4	31.0	35.1	65.9	87.7	242	124	14
15	40.4	55.7	42.8	377	175	63.8	28.7	62.2	61.8	55.9	207	136	15
16	27.8	58.4	43.2	375	177	61.8	31.8	51.5	58.7	55.5	173	137	16
17	24.7	59.1	43.7	368	179	45.5	32.1	53.9	33.7	61.0	208	138	17
18	35.5	57.2	62.2	327	176	33.2	23.8	65.5	36.1	77.3	211	135	18
19	47.8	55.7	55.8	315	179	34.0	22.7	46.5	62.1	76.7	213	137	19
20	44.1	60.5	55.2	254	177	39.1	21.7	45.3	65.0	88.6	218	106	20
21	47.0	60.1	58.8	238	176	38.9	18.8	46.1	64.1	103	218	153	21
22	42.4	64.3	58.4	213	176	39.2	18.3	60.1	60.8	102	218	155	22
23	29.5	63.8	59.4	214	172	31.5	18.2	60.7	58.5	101	181	135	23
24	24.0	59.7	57.3	215	206	28.6	18.2	60.9	39.1	132	178	122	24
25	48.8	67.3	61.4	218	211	25.1	18.8	53.8	33.7	136	203	129	25
26	63.8	68.1	66.1	218	199	44.3	14.9	60.0	48.0	101	212	124	26
27	58.4	38.7	65.6	219	180	27.4	21.7	46.0	60.7	101	208	140	27
28	61.4	38.0	76.3	220	173	24.4	20.8	46.5	62.0	138	201	131	28
29	56.8	53.4	72.2	220	142	26.3	21.5	52.2	62.0	148	201	101	29
30	26.0		64.6	226	130	41.8	21.5	57.5	60.8	138	---	101	30
31	40.1		66.0		131		21.0	56.3		138		99.8	31
TOTAL	1 338.4	1 506.1	1 593.1	8 408	5 894	1 943.4	798.0	1 204.7	1 599.0	2 671.7	---	4 553.8	TOTAL
MEAN	43.2	52.0	51.4	280	190	64.8	25.7	38.8	53.3	86.2	---	147	MEAN
MAX	83.8	67.3	66.0	481	264	143	39.0	66.5	66.2	148	---	276	MAX
MIN	24.7	36.7	33.1	102	121	24.4	14.9	15.8	33.7	33.6	---	96.3	MIN

SUMMARY FOR THE YEAR 1988

DISCHARGES IN CUBIC METRES PER SECOND

MAXIMUM DAILY, 481 ON APR 9
MINIMUM DAILY, 14.9 ON JUL 28

TYPE OF GAUGE - POWER PLANT
LOCATION - LAT 46 22 50 N
LONG 81 34 07 W
DRAINAGE AREA, 5 600 km²

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	115 000	JUL	88 900
FEB	130 000	AUG	104 000
MAR	138 000	SEP	138 000
APR	726 000	OCT	231 000
MAY	509 000	NOV	---
JUN	166 000	DEC	393 000

DATA CONTRIBUTED BY -
INTERNATIONAL NICKEL COMPANY OF CANADA LIMITED

REGULATED

REMARKS - EXCLUDES ONAPING LAKE BASIN, BUT EXTREME HIGH WATER SPILLED FROM LAKE INTO SPANISH RIVER

SPEED RIVER BELOW GUELPH - STATION NO. 02GA015

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1988

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	5.208	12.3	2.31	15.4	5.81	2.06	1.88	2.88	1.57	1.45	1.85	5.58	1
2	4.808	17.0	2.55	13.6	5.43	1.98	1.88	2.80	1.54	2.42	1.82	4.10	2
3	4.408	11.5 B	2.43	15.5	5.18	1.81	1.82	2.18	3.86	1.91	1.83	3.98	3
4	4.108	6.408	2.29	24.8	4.68	1.90	1.80	2.02	3.12	2.20	1.84	4.51	4
5	3.808	5.008	2.42	27.4	4.32	1.85	1.80	1.82	2.88	2.01	2.52	3.78	5
6	3.808	4.38	2.40	23.1	4.01	1.89	1.88	1.85	2.88	1.88	2.33	3.58	6
7	3.308	3.88	2.81	18.1	3.78	1.74	1.80	1.72	2.38	1.71	2.78	3.87	7
8	3.108	4.10	3.28	15.3	3.51	1.78	1.78	1.74	2.02	1.57	3.48	3.84	8
9	2.958	4.49	5.10	11.8	3.34	1.89	1.82	1.88	1.87	1.82	3.48	3.04	9
10	2.858	4.11	6.82	10.1	3.33	2.08	1.89	1.88	1.76	1.86	4.28	2.04	10
11	2.758	4.44	7.89	8.83	3.47	2.17	1.93	2.81	1.71	1.75	3.83	1.888	11
12	2.858	3.88	8.13	7.80	3.73	2.18	1.87	2.03	1.87	1.85	3.74	1.838	12
13	2.588	4.07	8.86	8.84	3.10	2.04	1.83	1.89	1.81	1.86	4.86	1.818	13
14	2.528	4.31	8.81	7.33	3.00	1.89	1.83	1.88	1.81	1.81	8.41	1.828	14
15	2.908	5.02	4.63	7.35	3.73	2.08	1.80	1.71	1.81	1.86	8.07	1.888	15
16	2.808	4.58	4.04	7.80	5.21	2.07	2.81	1.85	1.88	1.52	7.84	1.888	16
17	3.508	3.84	3.83	7.14	6.78	2.08	3.48	1.55	2.00	1.80	7.24	1.888	17
18	4.208	3.81	3.76	7.21	6.20	1.82	2.11	1.88	2.27	3.59	6.70	1.848	18
19	4.408	3.70	3.82	6.81	4.77	2.03	1.72	1.83	2.42	2.01	6.48	1.888	19
20	5.008	3.76	3.48	6.87	4.81	1.98	1.80	1.81	2.23	2.11	7.48	1.998	20
21	5.808	4.05	3.21	6.85	5.18	2.02	1.68	1.59	2.00	2.53	7.84	1.988	21
22	6.208	4.36	2.84	6.01	5.38	2.05	1.81	1.86	1.95	2.08	8.28	2.028	22
23	5.608	3.78	4.07	5.62	4.78	1.98	2.57	1.82	2.15	1.98	7.78	2.268	23
24	4.808	3.47	10.5	5.25	4.14	1.95	2.75	2.03	1.85	2.21	7.04	2.228	24
25	4.008	3.47	16.6	5.60	3.43	2.10	2.18	1.71	1.85	2.29	6.85	2.188	25
26	3.788	3.24	25.8	5.43	3.01	2.05	2.18	1.85	1.75	2.19	6.37	2.308	26
27	3.508	2.71	33.4	5.73	2.72	1.94	1.90	1.84	1.44	2.23	6.28	2.708	27
28	3.358	2.51	26.4	6.07	2.42	1.88	1.89	1.82	1.41	2.40	6.08	4.208	28
29	3.258	2.47	19.8	6.43	2.37	1.95	1.81	1.85	1.36	2.11	6.10	3.908	29
30	3.708		17.5	6.11	2.24	1.95	2.11	1.81	1.33	2.06	6.19	3.808	30
31	6.008		17.0		2.10		2.00	1.81		1.89		3.408	31
TOTAL	130.72	144.99	263.47	308.48	125.94	59.48	62.00	57.81	59.85	61.61	154.50	87.44	TOTAL
MEAN	3.89	5.00	8.50	10.3	4.06	1.98	2.00	1.86	2.00	1.99	5.15	2.82	MEAN
MAX	6.20	17.0	33.4	27.4	6.78	2.18	3.48	2.81	3.86	3.59	8.28	5.58	MAX
MIN	2.50	2.47	2.29	5.82	2.10	1.74	1.80	1.86	1.33	1.45	1.82	1.81	MIN

SUMMARY FOR THE YEAR 1988

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 4.12
MAXIMUM DAILY, 33.4 ON MAR 27
MINIMUM DAILY, 1.33 ON SEP 30
MAXIMUM INSTANTANEOUS,
35.0 AT 10:30 EST ON MAR 27

TYPE OF GAUGE - RECORDING
LOCATION - LAT 43 31 30 N
LONG 80 15 44 W
DRAINAGE AREA, 693 km²

B - ICE CONDITIONS

REGULATED

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	10 400	JUL	5 350
FEB	12 500	AUG	4 990
MAR	22 800	SEP	5 170
APR	26 700	OCT	5 320
MAY	10 900	NOV	13 300
JUN	5 140	DEC	7 560

TOTAL DISCHARGE, 130 000 dam³

SPEED RIVER NEAR ARMSTRONG MILLS - STATION NO. 02GA040

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1988

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	1.71 B	21.8 B	1.198	4.46	1.73	0.359	0.088	0.380	0.080	0.341	0.830	1.42	1
2	1.62 B	5.38	1.188	4.03	1.48	0.348	0.084	0.388	0.112	0.888	0.820	1.31	2
3	1.52 B	2.40 B	1.288	11.0	1.32	0.294	0.088	0.273	0.118	1.25	0.787	1.18	3
4	1.42 B	1.90 B	1.188	17.8	1.21	0.284	0.128	0.234	0.261	0.871	0.789	1.17	4
5	1.24 B	1.50 B	1.218	10.7	1.08	0.248	0.103	0.184	1.07	0.867	1.04	1.11	5
6	1.13 B	1.32 B	1.218	5.82	1.04	0.228	0.048	0.172	0.708	0.634	2.48	0.888	6
7	1.06 B	1.17 B	1.228	4.95	0.942	0.215	0.033	0.186	0.422	0.506	2.00	1.02	7
8	0.9808	1.08 B	1.348	3.84	0.882	0.343	0.030	0.258	0.273	0.473	1.88	0.918	8
9	0.9208	1.04 B	2.108	3.09	0.811	0.308	0.026	0.186	0.268	0.427	2.30	0.910	9
10	0.9008	1.02 B	2.908	2.68	1.17	0.255	0.020	0.202	0.188	0.443	3.11	0.7808	10
11	0.8808	0.9908	3.248	2.20	1.41	0.171	0.037	0.188	0.188	0.837	3.78	0.8808	11
12	0.8508	0.9708	3.268	1.86	1.12	0.173	0.037	0.188	0.264	0.841	3.36	0.8008	12
13	0.8308	0.8808	3.008	1.67	0.978	0.224	0.045	0.101	0.197	0.887	4.37	0.8408	13
14	0.8008	0.8508	2.808	1.88	0.948	0.188	0.078	0.088	0.213	0.584	5.40	0.8108	14
15	0.7808	1.20 B	2.288	2.88	0.980	0.153	0.088	0.178	0.178	0.477	3.23	0.4808	15
16	0.7708	1.53 B	1.978	2.13	2.84	0.182	0.084	0.114	0.188	0.478	2.45	0.4808	16
17	0.8208	1.54 B	1.918	1.93	2.30	0.132	0.072	0.103	0.857	0.502	2.04	0.4808	17
18	1.50 B	1.40 B	1.808	2.09	1.71	0.088	0.133	0.133	1.17	0.788	1.71	0.4708	18
19	1.80 B	1.30 B	1.908	1.95	1.30	0.101	0.122	0.098	0.748	1.10	1.48	0.4708	19
20	2.20 B	1.25 B	1.908	1.77	1.25	0.093	0.110	0.085	0.707	0.838	1.97	0.5008	20
21	3.20 B	1.22 B	1.408	2.16	1.27	0.125	0.109	0.078	0.600	0.713	4.18	0.5208	21
22	2.40 B	1.20 B	1.288	1.93	1.23	0.107	0.192	0.088	0.506	0.880	3.12	0.5508	22
23	1.90 B	1.50 B	2.008	1.97	1.13	0.098	0.127	0.115	0.577	0.979	2.36	0.5508	23
24	1.50 B	1.42 B	18.1 B	2.37	0.954	0.195	0.253	0.221	0.571	1.08	1.97	1.00 B	24
25	1.25 B	1.32 B	17.9 B	1.95	0.748	0.097	0.405	0.120	0.448	1.80	1.66	0.9908	25
26	1.10 B	1.30 B	26.0 B	1.70	0.884	0.085	0.378	0.182	0.388	2.21	1.53	0.9508	26
27	0.9208	1.27 B	18.3	1.63	0.593	0.172	0.320	0.080	0.330	1.71	1.85	0.8908	27
28	0.8908	1.24 B	7.08	1.72	0.511	0.088	0.228	0.073	0.398	1.44	1.61	2.33 B	28
29	0.8008	1.21 B	5.04	1.73	0.484	0.050	0.144	0.128	0.417	1.41	1.43	2.40 B	29
30	0.8008		7.65	1.95	0.417	0.088	0.190	0.177	0.335	1.14	1.38	2.25 B	30
31	5.00 B		5.50		0.378		0.804	0.122		0.981		2.11 B	31
TOTAL	43.670	82.490	147.36	108.84	34.888	5.412	4.287	4.987	12.528	27.433	88.328	30.784	TOTAL
MEAN	1.41	2.15	4.75	3.63	1.13	0.180	0.138	0.161	0.418	0.885	2.21	0.993	MEAN
MAX	5.00	21.8	26.0	17.8	2.84	0.359	0.804	0.388	1.17	2.21	5.40	2.40	MAX
MIN	0.770	0.950	1.18	1.63	0.378	0.050	0.020	0.068	0.080	0.341	0.787	0.470	MIN

SUMMARY FOR THE YEAR 1988

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 1.50
MAXIMUM DAILY, 26.0B ON MAR 26
MINIMUM DAILY, 0.020 ON JUL 10
MAXIMUM INSTANTANEOUS,
32.0B AT 02:00 EST ON MAR 26

TYPE OF GAUGE - RECORDING
LOCATION - LAT 43 39 19 N
LONG 80 15 12 W
DRAINAGE AREA, 187 km²

B - ICE CONDITIONS

REGULATED SINCE 1976

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	3 770	JUL	370
FEB	5 400	AUG	431
MAR	12 700	SEP	1 080
APR	9 400	OCT	2 370
MAY	3 000	NOV	8 730
JUN	488	DEC	2 880

TOTAL DISCHARGE, 47 400 dam³

SPENCER CREEK AT DUNDAS - STATION NO. 02HB007

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1988

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	1.45 B	2.74	1.208	5.23	4.36	0.474	0.062	0.325	0.262	0.282	1.34	1.95	1
2	1.25	2.27	1.248	4.53	1.05	0.303	0.061	0.411	0.240	0.776	1.30	1.89	2
3	1.24	1.83	1.508	5.05	1.48	0.128	0.057	0.370	0.529	1.11	1.23	1.82	3
4	1.09	1.40 B	1.808	7.88	1.33	0.108	0.046	0.301	2.17	1.14	1.22	1.58	4
5	0.899	1.15 B	1.478	7.33	1.24	0.097	0.046	0.282	2.55	1.02	1.34	1.80	5
6	0.9008	0.8808	1.458	6.44	1.15	0.091	0.036	0.343	2.80	0.802	1.71	1.85	6
7	0.8858	0.8208	1.458	2.89	1.05	0.097	0.032	0.203	2.67	0.186	1.82	1.73	7
8	0.8808	0.8008	1.488	9.54	0.794	0.099	0.034	0.161	2.48	0.380	2.00	1.51	8
9	0.8808	0.7958	1.508	4.16	0.496	0.092	0.040	0.129	1.11	0.503	2.14	1.13	9
10	0.8808	0.7908	1.908	3.81	0.221	0.079	0.034	0.166	0.283	0.574	2.35	0.8408	10
11	0.8908	0.7958	2.208	3.05	0.184	0.078	0.034	0.417	0.143	0.718	2.50	0.7208	11
12	0.8108	0.8008	2.608	2.61	0.148	0.075	0.030	0.988	0.184	0.845	2.29	0.6708	12
13	0.8208	0.8308	2.458	2.36	0.225	0.064	0.030	1.04	0.226	0.889	3.05	0.6708	13
14	0.9408	0.8808	2.358	2.30	0.205	0.057	0.031	1.13	0.112	1.06	3.75	0.6808	14
15	0.9508	1.00 B	2.158	2.26	0.170	0.047	0.037	1.09	0.090	0.894	3.33	0.7008	15
16	0.8608	1.12 B	1.858	2.17	0.204	0.054	0.059	0.821	0.102	1.89	2.88	0.6808	16
17	1.00 B	1.10 B	1.838	2.06	0.263	0.050	0.174	0.451	0.277	5.24	2.84	0.6708	17
18	1.15 B	1.09 B	1.788	1.98	0.276	0.055	0.042	0.099	0.498	4.10	2.74	0.6808	18
19	1.13 B	1.08 B	1.678	1.85	0.952	0.035	0.045	0.109	0.690	2.90	2.58	0.6908	19
20	1.25 B	1.12 B	1.828	1.78	1.21	0.037	0.045	0.138	0.699	2.29	2.99	0.7408	20
21	1.40 B	1.20 B	1.588	1.86	1.22	0.045	0.130	0.131	0.655	1.90	4.82	0.840	21
22	1.30 B	1.48 B	1.54	1.77	1.28	0.044	0.136	0.209	0.653	2.01	4.53	0.8208	22
23	1.20 B	2.54	1.85	1.95	1.22	0.037	0.177	0.230	0.809	2.12	3.88	1.00 B	23
24	1.13 B	2.25	3.12	2.02	1.07	0.044	0.183	0.287	1.70	2.12	3.34	1.25 B	24
25	1.05 B	1.84	4.37	0.775	0.824	0.053	0.285	0.316	0.824	2.07	3.04	1.13 B	25
26	1.02 B	1.43 B	7.99	0.150	0.832	0.046	0.883	0.342	0.108	1.96	2.97	1.05 B	26
27	1.02 B	1.28 B	10.0	0.442	0.737	0.046	0.288	0.430	0.111	1.85	2.90	1.30 B	27
28	1.03 B	1.20 B	11.6	0.770	0.675	0.038	0.335	0.382	0.088	1.79	2.68	3.97	28
29	1.07 B	1.17 B	9.27	1.10	0.622	0.052	0.375	0.456	0.182	1.61	2.38	2.63	29
30	1.13 B		7.34	5.28	0.582	0.053	0.388	0.412	0.262	1.58	2.24	1.80 B	30
31	1.40 B		6.20		0.513		0.297	0.312		1.41		1.55 B	31
TOTAL	33.204	37.440	100.59	86.427	25.894	2.584	4.244	12.471	23.397	47.898	78.39	40.850	TOTAL
MEAN	1.07	1.29	3.24	3.21	0.881	0.086	0.137	0.402	0.780	1.55	2.61	1.31	MEAN
MAX	1.45	2.74	11.6	9.54	4.36	0.474	0.883	1.13	2.67	5.24	4.82	3.97	MAX
MIN	0.880	0.790	1.20	0.150	0.148	0.037	0.030	0.099	0.088	0.186	1.22	0.670	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 1.38
MAXIMUM DAILY, 11.6 ON MAR 28
MINIMUM DAILY, 0.030 ON JUL 12
MAXIMUM INSTANTANEOUS,
15.4 AT 00 00 EST ON APR 8

SUMMARY FOR THE YEAR 1988

TYPE OF GAUGE - RECORDING
LOCATION - LAT 43 15 55 N
LONG 79 57 49 W
DRAINAGE AREA, 169 km²

B - ICE CONDITIONS

NATURAL FLOW

MONTHLY TOTAL DISCHARGE
IN CUBIC DECAMETRES

JAN	2 870	JUL	387
FEB	3 230	AUG	1 080
MAR	8 690	SEP	2 020
APR	4 330	OCT	4 140
MAY	2 310	NOV	6 770
JUN	223	DEC	3 510

TOTAL DISCHARGE, 43 500 dam³

SPENCER CREEK AT HIGHWAY NO. 5 - STATION NO. 02HB023

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1988

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	1.10 B	2.008	1.308	4.05	1.51	0.303	0.028	0.198	0.165	0.283	1.15	1.69	1
2	1.03 B	1.908	1.408	3.60	1.36	0.289	0.026	0.466	0.164	0.436	1.06	1.74	2
3	0.9708	1.838	1.478	3.98	1.24	0.305	0.027	0.767	0.493	0.692	0.997	1.66	3
4	0.9158	1.688	1.488	5.58	1.09	0.342	0.013	0.712	1.51	0.833	1.01	1.55	4
5	0.8908	1.558	1.458	5.22	0.971	0.349	0.009	0.555	1.88	0.798	1.14	1.66	5
6	0.8708	1.428	1.468	4.69	0.878	0.337	0.006	0.517	1.88	0.765	1.82	1.54	6
7	0.8508	1.338	1.508	4.35	0.798	0.278	0.026	0.448	1.33	0.802	1.63	1.38	7
8	0.8408	1.258	1.578	3.83	0.725	0.271	0.047	0.343	0.990	0.518	1.63	1.18 B	8
9	0.8408	1.188	1.638	3.14	0.672	0.290	0.040	0.250	0.749	0.426	1.86	1.02 B	9
10	0.8458	1.138	1.838	2.89	0.785	0.264	0.021	0.218	0.578	0.413	2.17	0.9008	10
11	0.8508	1.078	2.008	2.39	0.882	0.218	0.012	0.348	0.424	0.726	2.24	0.8008	11
12	0.8608	1.048	2.108	2.17	0.884	0.187	0.014	1.04	0.533	0.805	2.10	0.7008	12
13	0.8608	1.028	2.058	1.99	0.805	0.136	0.017	0.790	0.449	0.761	2.79	0.8508	13
14	0.8608	1.038	2.008	1.92	0.727	0.111	0.018	0.488	0.290	0.756	3.25	0.8408	14
15	0.8708	1.058	1.908	1.90	0.668	0.089	0.040	0.550	0.227	0.738	2.85	0.8508	15
16	0.9008	1.088	1.768	1.75	1.06	0.080	0.135	0.418	0.274	0.804	2.58	0.8538	16
17	1.00 B	1.118	1.708	1.62	1.29	0.076	0.339	0.306	0.563	0.525	2.64	0.8478	17
18	1.05 B	1.138	1.808	1.62	1.30	0.074	0.273	0.250	0.656	1.88	2.54	0.8408	18
19	1.03 B	1.188	1.508	1.54	1.26	0.067	0.201	0.189	0.658	1.92	2.38	0.8408	19
20	1.15 B	1.258	1.408	1.47	1.29	0.054	0.118	0.171	0.805	1.84	2.71	0.8408	20
21	1.30 B	1.458	1.388	1.54	1.23	0.048	0.083	0.136	0.588	1.75	4.27	0.7328	21
22	1.12 B	1.808	1.388	1.45	1.16	0.047	0.385	0.119	0.565	2.06	3.83	0.8908	22
23	1.05 B	2.108	1.708	1.56	1.01	0.049	0.589	0.131	0.805	2.00	3.35	0.7408	23
24	1.00 B	1.888	2.73	1.64	0.848	0.057	0.232	0.301	0.595	1.93	2.89	1.00 B	24
25	0.9708	1.468	4.17	1.64	0.730	0.060	0.174	0.358	0.501	1.90	2.81	0.9408	25
26	0.9808	1.328	8.01	1.44	0.611	0.065	0.158	0.406	0.428	1.81	2.82	0.9808	26
27	0.8508	1.288	8.17	1.37	0.558	0.052	0.142	0.358	0.361	1.58	2.48	1.20 B	27
28	0.9708	1.268	6.88	1.35	0.489	0.037	0.118	0.318	0.329	1.67	2.28	2.00 B	28
29	1.00 B	1.268	5.85	1.41	0.428	0.031	0.100	0.286	0.298	1.45	2.08	1.70 B	29
30	1.20 B		5.24	1.59	0.378	0.030	0.102	0.246	0.272	1.30	1.96	1.40 B	30
31	1.50 B		4.82		0.328		0.163	0.213		1.22		1.30 B	31
TOTAL	30.800	39.82	83.03	74.39	28.017	4.596	3.656	11.880	18.988	34.582	69.427	33.842	TOTAL
MEAN	0.987	1.37	2.68	2.48	0.904	0.153	0.118	0.383	0.633	1.12	2.31	1.08	MEAN
MAX	1.50	2.10	8.17	5.58	1.51	0.349	0.599	1.04	1.88	2.06	4.27	2.00	MAX
MIN	0.840	1.02	1.30	1.35	0.328	0.030	0.006	0.118	0.164	0.283	0.997	0.840	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 1.18
MAXIMUM DAILY, 8.17 ON MAR 27
MINIMUM DAILY, 0.006 ON JUL 8
MAXIMUM INSTANTANEOUS,
8.77 AT 05 17 EST ON MAR 27

SUMMARY FOR THE YEAR 1988

TYPE OF GAUGE - RECORDING
LOCATION - LAT 43 16 55 N
LONG 80 03 09 W
DRAINAGE AREA, 132 km²

B - ICE CONDITIONS

NATURAL FLOW

MONTHLY TOTAL DISCHARGE
IN CUBIC DECAMETRES

JAN	2 840	JUL	317
FEB	3 440	AUG	1 030
MAR	7 170	SEP	1 640
APR	5 430	OCT	2 880
MAY	2 420	NOV	5 000
JUN	387	DEC	2 920

TOTAL DISCHARGE, 37 400 dam³

SPENCER CREEK NEAR WESTOVER - STATION NO. 02HB015

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1988

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	0.420E	0.740B	0.410B	2.06	0.613	0.138	0.019	0.250	0.058	0.155	0.363	0.622	1
2	0.365E	0.570B	0.413B	1.93	0.564	0.128	0.019	0.219	0.035	0.207	0.315	0.640B	2
3	0.335B	0.540B	0.420B	2.07	0.492	0.118	0.011	0.186	0.174	0.252	0.314	0.660B	3
4	0.331B	0.492B	0.423B	2.53	0.441	0.115	0.008	0.110	0.443	0.415	0.353	0.780B	4
5	0.320B	0.470B	0.423B	2.77	0.390	0.110	0.012	0.077	0.812	0.487	0.427	0.788	5
6	0.318B	0.450B	0.420B	2.71	0.358	0.104	0.076	0.068	0.548	0.304	0.581	0.635	6
7	0.312B	0.438B	0.418B	2.38	0.335	0.100	0.057	0.059	0.414	0.261	0.823	0.602	7
8	0.310B	0.425B	0.410B	1.90	0.298	0.109	0.051	0.051	0.285	0.250E	0.673	0.480B	8
9	0.310B	0.415B	0.420B	1.53	0.296	0.113	0.020	0.041	0.210	0.247E	0.686	0.360B	9
10	0.310B	0.405B	0.460B	1.32	0.377	0.097	0.003	0.052	0.183	0.248E	0.777	0.237B	10
11	0.311B	0.400B	0.500B	1.15	0.483	0.084	0.002	0.073	0.211	0.420E	0.804	0.220B	11
12	0.312B	0.387B	0.580B	1.03	0.444	0.081	0.011	0.146	0.297	0.590E	0.816	0.180B	12
13	0.313B	0.385B	0.600B	0.927	0.373	0.088	0.026	0.096	0.094	0.540E	0.885	0.158B	13
14	0.315B	0.385B	0.570B	0.871	0.338	0.052	0.050	0.074	0.048	0.478A	1.04	0.158B	14
15	0.320B	0.387B	0.550B	0.833	0.324	0.043	0.134	0.087	0.080	0.378	1.08	0.163B	15
16	0.330B	0.400B	0.540B	0.773	0.305	0.034	0.125	0.085	0.170	0.288	1.14	0.158B	16
17	0.340B	0.405B	0.530B	0.713	0.744	0.027	0.204	0.084	0.127	0.288	1.20	0.158B	17
18	0.343B	0.415B	0.520B	0.717	0.673	0.028	0.214	0.068	0.158	0.848	1.13	0.163B	18
19	0.340B	0.425B	0.510B	0.684	0.581	0.031	0.135	0.041	0.270	0.777	1.02	0.163B	19
20	0.360B	0.430B	0.490B	0.659	0.572	0.031	0.088	0.035	0.316	0.808	1.07	0.180B	20
21	0.400B	0.445B	0.475B	0.648	0.544	0.024	0.034	0.026	0.305	0.762	1.30	0.252B	21
22	0.395B	0.460B	0.480B	0.620	0.497	0.026	0.057	0.022	0.276	0.777	1.31	0.387	22
23	0.380B	0.510B	0.520B	0.631	0.448	0.048	0.202	0.032	0.302	0.723	1.30	0.408	23
24	0.370B	0.450B	1.36 B	0.649	0.374	0.045	0.356	0.058	0.286	0.699	1.36	0.470	24
25	0.360B	0.440B	2.37	0.628	0.320	0.037	0.383	0.108	0.282	0.848	1.31	0.477	25
26	0.355B	0.430B	3.80	0.571	0.270	0.032	0.262	0.125	0.208	0.808	1.13	0.418	26
27	0.355B	0.420B	3.82	0.554	0.251	0.026	0.221	0.118	0.188	0.571	0.983	0.444	27
28	0.365B	0.415B	3.20 B	0.545	0.224	0.025	0.186	0.088	0.178	0.544	0.874	0.587	28
29	0.400B	0.410B	2.76	0.578	0.187	0.022	0.121	0.085	0.167	0.499	0.930	0.640B	29
30	0.470B		2.60	0.623	0.160	0.022	0.113	0.071	0.158	0.481	0.884	0.580B	30
31	0.580B		2.32		0.152		0.184	0.057		0.403		0.540B	31
TOTAL	11.012	12.981	33.289	35.724	12.766	1.928	3.384	2.839	7.036	14.729	26.806	13.425	TOTAL
MEAN	0.355	0.448	1.07	1.18	0.412	0.064	0.109	0.065	0.235	0.475	0.894	0.433	MEAN
MAX	0.580	0.740	3.82	2.77	0.744	0.139	0.383	0.250	0.812	0.808	1.36	0.880	MAX
MIN	0.310	0.385	0.410	0.545	0.152	0.022	0.002	0.022	0.035	0.155	0.314	0.158	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 0.680
MAXIMUM DAILY, 3.82 ON MAR 27
MINIMUM DAILY, 0.002 ON JUL 11
MAXIMUM INSTANTANEOUS,
4.12 AT 02:00 EST ON MAR 27

SUMMARY FOR THE YEAR 1988

TYPE OF GAUGE - RECORDING
LOCATION - LAT 43 21 10 N
LONG 80 04 40 W
DRAINAGE AREA, 83.5 km²
A - MANUAL GAUGE
B - ICE CONDITIONS
E - ESTIMATED
NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	951	JUL	292
FEB 1	120	AUG	228
MAR 3	880	SEP	608
APR 3	080	OCT 1	270
MAY 1	100	NOV 2	320
JUN	167	DEC 1	160

TOTAL DISCHARGE, 15 200 dam³

ST. CLAIR RIVER AT POINT EDWARD - STATION NO. 02GG010

DAILY WATER LEVEL IN METRES FOR 1988

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	176.22	176.22	176.11	176.16	176.25	---	176.21	176.13	176.08	176.00	175.92	175.87	1
2	176.20	176.25	176.10	176.15	176.25	---	176.19	176.13	176.07	176.08	175.98	175.89	2
3	176.14	176.17	176.18	176.12	176.23	---	176.16	176.13	176.06	176.04	175.90	176.12	3
4	176.22	176.27	176.08	176.17	176.24	---	176.16	176.13	176.11	176.02	175.88	176.06	4
5	176.29	176.20	176.10	176.16	176.26	176.26	176.16	176.12	176.18	176.10	175.88	176.00	5
6	176.30	176.24	176.08	176.21	176.25	176.25	176.15	176.18	176.13	176.05	---	175.85	6
7	176.21	176.14	176.13	176.34	176.23	176.26	176.16	176.17	176.09	176.00	175.92	176.06	7
8	176.22	176.30	176.04	176.26	176.17	176.24	176.16	176.14	176.03	175.97	175.86	175.89	8
9	176.24	176.26	176.12	176.23	176.17	176.25	176.17	176.15	176.05	175.95	175.84	176.03	9
10	176.19	176.33	176.16	176.22	176.24	176.23	176.16	176.17	176.08	176.00	175.88	176.02	10
11	176.18	176.30	176.13	176.25	176.26	176.22	176.18	176.14	176.04	176.13	176.04	176.03	11
12	176.08	176.31	176.05	176.23	176.20	176.22	176.18	176.16	175.98	176.07	175.84	175.87	12
13	176.31	176.36	176.07	176.22	176.26	176.20	176.13	176.13	176.10	176.00	175.80	175.85	13
14	176.21	176.16	176.15	176.24	176.24	176.19	176.16	176.15	176.10	175.97	176.02	175.88	14
15	176.17	176.20	176.16	176.26	176.19	176.22	176.15	176.22	176.08	175.93	175.93	176.08	15
16	176.13	176.17	176.18	176.24	176.29	176.23	176.17	176.18	175.99	175.86	175.81	175.99	16
17	176.20	176.17	176.14	176.23	176.29	176.31	176.19	176.19	175.99	175.82	176.00	175.99	17
18	176.20	176.15	176.13	176.31	176.27	176.19	176.18	176.19	176.02	176.01	176.05	175.84	18
19	176.17	176.15	176.17	176.28	176.26	176.17	176.20	176.16	175.97	176.01	175.82	175.86	19
20	176.03	176.20	176.18	176.22	176.24	176.20	176.19	176.15	175.94	175.95	176.02	175.85	20
21	176.21	176.16	176.18	176.24	176.25	176.16	176.19	176.15	176.09	175.85	176.05	176.02	21
22	176.16	176.08	176.07	176.23	176.24	176.20	176.20	176.12	176.05	176.00	175.88	175.89	22
23	176.14	176.21	176.00	176.22	176.25	176.23	176.19	176.08	175.89	175.83	175.87	175.77	23
24	176.12	176.16	176.10	176.27	176.31	176.17	176.17	176.10	176.07	175.88	175.82	175.95	24
25	176.18	176.17	176.02	176.23	176.26	176.21	176.17	176.12	176.05	175.98	175.90	175.98	25
26	176.20	176.13	176.10	176.23	176.23	176.26	176.16	176.15	176.04	175.98	175.82	176.01	26
27	176.17	176.22	176.19	176.22	176.22	176.21	176.17	176.10	176.02	175.87	175.89	175.83	27
28	176.23	176.12	176.12	176.25	176.23	176.22	176.14	176.12	176.04	175.92	175.86	176.00	28
29	176.08	176.23	176.05	176.30	176.21	176.21	176.16	176.12	176.84	176.06	176.00	176.00	29
30	176.10		176.17	176.26	176.23	176.23	176.16	176.11	175.98	175.89	175.90	175.81	30
31	176.09		176.17		176.23		176.17	176.07		175.89		175.89	31
MEAN	176.18	176.21	176.12	176.23	176.24	---	176.17	176.14	176.04	175.98	---	175.87	MEAN
MAX	176.31	176.36	176.18	176.34	176.31	---	176.21	176.22	176.18	176.13	---	176.12	MAX
MIN	176.03	176.08	176.00	176.12	176.19	---	176.13	176.07	175.84	175.88	---	175.77	MIN

WATER LEVELS IN METRES

MAXIMUM DAILY, 176.36 ON FEB 13
MINIMUM DAILY, 175.77 ON DEC 23
MAXIMUM INSTANTANEOUS,
176.81 AT 6:57 EST ON JAN 13

SUMMARY FOR THE YEAR 1988

TYPE OF GAUGE - RECORDING
LOCATION - LAT 42 59 27 N
LONG 82 25 17 W
DATA CONTRIBUTED BY -
OCEAN SCIENCE AND SURVEYS (DFO) (CANADA)

WATER LEVELS ARE REFERRED TO INTERNATIONAL GREAT LAKES DATUM (1985)

REMARKS - DATA PUBLISHED AS RECEIVED. DATA PUBLISHED MONTHLY BY OCEAN SCIENCE AND SURVEYS AS STATION 11940 POINT EDWARD

ST. CLAIR RIVER AT PORT LAMBTON - STATION NO. 02GG011

DAILY WATER LEVEL IN METRES FOR 1988

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	175.37	175.27	175.30	175.30	175.32	175.31	175.27	175.26	175.17	175.11	175.02	175.08	1
2	175.36	175.29	175.27	175.29	175.32	175.32	175.27	175.24	175.18	175.11	175.02	175.10	2
3	175.32	175.31	175.27	175.29	175.33	175.31	175.27	175.24	175.17	175.10	175.01	175.09	3
4	175.38	175.36	175.31	175.32	175.32	175.32	175.27	175.24	175.18	175.10	175.00	175.07	4
5	175.39	175.43	175.31	175.30	175.32	175.32	175.26	175.26	175.19	175.10	175.08	175.08	5
6	175.41	175.59	175.26	175.31	175.32	175.32	175.26	175.26	175.19	175.09	175.11	175.07	6
7	175.43	175.49	175.26	175.32	175.33	175.31	175.26	175.25	175.18	175.08	175.00	175.05	7
8	175.50	175.58	175.23	175.33	175.31	175.30	175.25	175.25	175.17	175.08	175.01	175.05	8
9	175.50	175.48	175.28	175.34	175.35	175.28	175.25	175.25	175.18	175.07	175.02	175.05	9
10	175.49	175.48	175.28	175.33	175.34	175.29	175.26	175.25	175.15	175.11	175.09	175.04	10
11	175.50	175.48	175.27	175.32	175.32	175.30	175.26	175.26	175.14	175.09	175.07	175.04	11
12	175.48	175.46	175.27	175.33	175.32	175.30	175.25	175.25	175.13	175.07	175.07	175.06	12
13	175.51	175.46	175.28	175.34	175.34	175.29	175.25	175.24	175.15	175.08	175.10	175.07	13
14	175.54	175.51	175.28	175.34	175.33	175.28	175.26	175.26	175.15	175.08	175.08	175.04	14
15	175.55	175.53	175.26	175.34	175.33	175.28	175.25	175.25	175.14	175.04	175.07	175.04	15
16	175.58	175.47	175.27	175.33	175.33	175.27	175.25	175.24	175.13	175.04	175.13	175.07	16
17	175.51	175.41	175.28	175.36	175.32	175.28	175.28	175.24	175.13	175.05	175.13	175.06	17
18	175.39	175.38	175.26	175.35	175.32	175.28	175.28	175.24	175.12	175.08	175.08	175.07	18
19	175.33	175.36	175.26	175.35	175.34	175.29	175.28	175.23	175.13	175.08	175.04	175.04	19
20	175.32	175.38	175.25	175.36	175.34	175.29	175.28	175.23	175.16	175.05	175.08	175.03	20
21	175.31	175.38	175.25	175.33	175.34	175.27	175.26	175.22	175.11	175.07	175.10	175.04	21
22	175.31	175.38	175.24	175.32	175.33	175.29	175.26	175.21	175.11	175.08	175.08	175.01	22
23	175.31	175.40	175.24	175.35	175.32	175.27	175.27	175.20	175.14	175.08	175.08	175.04	23
24	175.31	175.35	175.23	175.34	175.31	175.28	175.27	175.20	175.13	175.12	175.08	175.01	24
25	175.30	175.36	175.24	175.33	175.32	175.31	175.27	175.22	175.13	175.08	175.08	175.04	25
26	175.32	175.37	175.27	175.32	175.33	175.29	175.26	175.20	175.13	175.04	175.06	175.03	26
27	175.34	175.39	175.29	175.36	175.33	175.28	175.26	175.19	175.13	175.03	175.13	175.02	27
28	175.46	175.42	175.26	175.32	175.32	175.29	175.26	175.18	175.11	175.06	175.09	175.05	28
29	175.45	175.36	175.27	175.33	175.31	175.27	175.25	175.17	175.09	175.04	175.07	175.07	29
30	175.37		175.32	175.33	175.31	175.27	175.26	175.18	175.08	175.03	175.08	175.08	30
31	175.27		175.30		175.31		175.25	175.18		175.03		175.05	31
MEAN	175.41	175.43	175.27	175.33	175.33	175.29	175.26	175.23	175.14	175.07	175.07	175.05	MEAN
MAX	175.85	175.66	175.32	175.36	175.35	175.32	175.29	175.26	175.19	175.12	175.13	175.10	MAX
MIN	175.27	175.27	175.23	175.29	175.31	175.27	175.25	175.17	175.08	175.03	175.00	175.01	MIN

SUMMARY FOR THE YEAR 1988

WATER LEVELS IN METRES

MEAN, 175.24
MAXIMUM DAILY, 175.85 ON FEB 12
MINIMUM DAILY, 175.00 ON NOV 6
MAXIMUM INSTANTANEOUS,
175.92 AT 20:52 EST ON JAN 15

TYPE OF GAUGE - RECORDING
LOCATION - LAT 42 39 33 N
LONG 82 30 25 W
DATA CONTRIBUTED BY -
OCEAN SCIENCE AND SURVEYS (DFO) (CANADA)

WATER LEVELS ARE REFERRED TO INTERNATIONAL GREAT LAKES DATUM (1955)

REMARKS - DATA PUBLISHED AS RECEIVED. DATA PUBLISHED MONTHLY BY OCEAN SCIENCE AND SURVEYS AS STATION 11950 PORT LAMBTON

ST. LAWRENCE RIVER AT BROCKVILLE - STATION NO. 02MB007

DAILY WATER LEVEL IN METRES FOR 1988

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	74.26	74.18	74.13	74.28	74.62	74.54	74.52	74.50	74.38	74.25	74.18	74.17	1
2	74.22	74.13	74.13	74.24	74.58	74.52	74.51	74.48	74.38	74.25	74.18	74.23	2
3	74.16	74.11	74.12	74.26	74.61	74.52	74.51	74.48	74.38	74.19	74.18	74.28	3
4	74.21	74.13	74.12	74.32	74.67	74.56	74.48	74.50	74.35	74.18	74.18	74.14	4
5	74.26	74.14	74.13	74.32	74.68	74.59	74.48	74.49	74.38	74.21	74.11	74.10	5
6	74.17	74.22	74.14	74.28	74.68	74.58	74.48	74.52	74.37	74.18	74.17	74.17	6
7	74.13	74.21	74.15	74.31	74.63	74.55	74.48	74.50	74.38	74.20	74.18	74.15	7
8	74.14	74.18	74.10	74.30	74.67	74.54	74.48	74.49	74.37	74.18	74.19	74.08	8
9	74.17	74.12	74.14	74.31	74.68	74.61	74.50	74.49	74.38	74.18	74.21	74.10	9
10	74.15	74.14	74.19	74.33	74.81	74.59	74.50	74.50	74.38	74.27	74.30	74.01	10
11	74.18	74.08	74.14	74.30	74.81	74.58	74.52	74.47	74.32	74.31	74.22	74.02	11
12	74.17	74.13	74.08	74.31	74.82	74.59	74.49	74.48	74.31	74.28	74.15	74.04	12
13	74.20	74.22	74.13	74.32	74.86	74.58	74.47	74.48	74.35	74.24	74.28	74.09	13
14	74.11	74.17	74.17	74.35	74.83	74.55	74.50	74.49	74.38	74.31	74.25	74.05	14
15	74.18	74.19	74.19	74.39	74.80	74.58	74.49	74.52	74.29	74.23	74.19	74.15	15
16	74.15	74.18	74.19	74.38	74.81	74.55	74.50	74.48	74.27	74.17	74.19	74.04	16
17	74.14	74.16	74.19	74.41	74.68	74.62	74.49	74.49	74.31	74.18	74.33	74.05	17
18	74.15	74.15	74.19	74.46	74.63	74.84	74.51	74.40	74.31	74.26	74.25	74.02	18
19	74.14	74.13	74.18	74.44	74.67	74.54	74.50	74.41	74.26	74.18	74.12	74.04	19
20	74.13	74.18	74.17	74.38	74.82	74.67	74.47	74.40	74.32	74.18	74.11	74.10	20
21	74.22	74.17	74.14	74.38	74.85	74.65	74.48	74.38	74.33	74.14	74.18	74.11	21
22	74.18	74.17	74.13	74.38	74.86	74.86	74.48	74.38	74.28	74.08	74.18	73.88	22
23	74.18	74.18	74.13	74.34	74.88	74.84	74.48	74.33	74.35	74.18	74.14	74.08	23
24	74.17	74.13	74.18	74.48	74.88	74.83	74.47	74.39	74.31	74.22	74.14	74.04	24
25	74.17	74.14	74.13	74.43	74.84	74.87	74.48	74.42	74.29	74.31	74.14	74.18	25
26	74.13	74.12	74.18	74.42	74.80	74.88	74.49	74.48	74.28	74.23	74.13	74.07	26
27	74.18	74.09	74.28	74.37	74.80	74.85	74.48	74.36	74.28	74.20	74.17	74.08	27
28	74.18	74.12	74.28	74.40	74.88	74.87	74.48	74.41	74.32	74.31	74.20	74.14	28
29	74.18	74.18	74.20	74.38	74.88	74.88	74.49	74.37	74.18	74.28	74.17	74.04	29
30	74.18		74.28	74.41	74.87	74.84	74.52	74.38	74.28	74.20	74.21	74.08	30
31	74.18		74.28		74.87		74.49	74.37		74.18		74.09	31
MEAN	74.17	74.15	74.18	74.38	74.81	74.85	74.49	74.44	74.32	74.21	74.18	74.09	MEAN
MAX	74.28	74.22	74.28	74.48	74.80	74.88	74.52	74.52	74.38	74.31	74.33	74.28	MAX
MIN	74.11	74.08	74.08	74.24	74.38	74.81	74.48	74.33	74.18	74.08	74.11	73.88	MIN

SUMMARY FOR THE YEAR 1988

WATER LEVELS IN METRES

MEAN, 74.30
MAXIMUM DAILY, 74.80 ON MAY 26
MINIMUM DAILY, 73.88 ON DEC 22
MAXIMUM INSTANTANEOUS,
74.88 AT 12:12 EST ON MAY 13

TYPE OF GAUGE - RECORDING
LOCATION - LAT 44 35 00 N
LONG 75 41 30 W
DATA CONTRIBUTED BY -
OCEAN SCIENCE AND SURVEYS (DFO) (CANADA)

WATER LEVELS ARE REFERRED TO INTERNATIONAL GREAT LAKES DATUM (1955)

REMARKS - DATA PUBLISHED AS RECEIVED. DATA PUBLISHED MONTHLY BY OCEAN SCIENCE AND SURVEYS AS STATION 14400 BROCKVILLE

ST. LAWRENCE RIVER AT CORNWALL - STATION NO. 02MC002

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1988

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	7 650	8 800	7 500	7 140	6 940	7 250	6 970	6 970	8 650	8 740	8 800	7 280	1
2	7 650	8 800	7 480	7 250	6 940	7 250	6 880	6 970	8 650	8 740	8 800	7 280	2
3	7 650	8 800	7 450	7 250	6 940	7 250	6 880	6 970	8 810	8 740	8 800	7 250	3
4	7 650	8 800	7 450	7 250	6 510	7 220	6 880	6 970	8 810	8 740	8 800	7 250	4
5	7 580	8 800	7 450	7 250	6 510	7 190	6 880	6 970	8 810	8 740	8 800	7 250	5
6	6 510	6 800	7 450	7 250	6 510	7 220	6 880	6 970	8 810	8 740	8 800	7 250	6
7	6 510	6 800	7 450	7 250	6 480	7 220	6 880	6 970	8 810	8 740	8 800	7 250	7
8	6 510	7 580	7 450	7 250	6 480	7 220	6 880	6 970	8 810	8 740	8 800	7 250	8
9	6 510	7 530	7 450	7 330	6 480	7 220	6 820	6 880	8 810	8 740	8 800	7 250	9
10	6 510	7 020	7 450	7 310	6 480	7 220	6 820	6 970	8 880	8 740	8 800	7 250	10
11	6 800	7 220	7 450	7 310	6 480	7 110	6 820	6 970	8 880	8 740	8 800	7 310	11
12	6 800	7 020	7 390	7 310	6 480	7 110	6 820	6 970	8 880	8 740	8 870	7 180	12
13	6 800	6 800	7 390	7 310	6 480	7 110	6 820	6 970	8 880	8 740	8 870	7 280	13
14	6 540	6 800	7 390	7 310	6 770	7 110	6 820	6 880	8 880	8 740	8 870	7 280	14
15	6 230	6 800	7 390	7 310	6 770	7 110	6 800	6 880	8 880	8 770	8 870	7 250	15
16	6 230	6 810	7 390	7 180	6 770	7 110	6 820	6 880	8 880	8 770	8 870	7 250	16
17	6 230	6 880	7 390	7 180	6 770	7 110	6 800	6 880	8 880	8 770	8 870	7 080	17
18	6 370	7 080	7 390	7 180	6 770	7 020	6 800	6 880	8 880	8 770	8 870	7 080	18
19	6 510	7 220	7 390	7 180	6 770	7 020	6 800	6 880	8 880	8 770	7 110	7 080	19
20	6 510	7 390	7 390	7 180	6 770	6 880	6 800	6 970	8 880	8 770	7 110	6 770	20
21	6 510	7 450	7 390	7 180	6 770	7 020	6 800	6 970	8 880	8 770	7 110	6 770	21
22	6 510	7 450	7 390	7 180	6 770	7 020	6 820	6 880	8 880	8 800	7 110	6 770	22
23	6 510	7 450	7 390	6 880	6 770	7 020	6 970	6 970	8 880	8 800	7 110	6 770	23
24	6 800	7 450	7 390	6 880	6 770	7 020	6 970	6 970	8 820	8 800	7 110	6 510	24
25	6 800	7 450	7 390	6 880	6 770	6 970	6 910	6 970	8 820	8 800	7 110	6 510	25
26	6 800	7 450	7 140	6 880	6 770	6 970	6 940	6 970	8 820	8 800	7 280	6 510	26
27	6 510	7 280	7 140	6 880	6 800	6 880	6 940	6 850	8 820	8 800	7 240	6 510	27
28	6 510	7 500	7 140	6 880	7 250	6 970	6 940	6 850	8 820	8 800	7 280	6 510	28
29	6 480	7 500	7 140	6 970	7 250	6 970	6 940	6 850	8 820	8 800	7 310	6 480	29
30	6 800		7 140	6 940	7 250	6 970	6 970	6 850	8 820	8 820	7 280	6 310	30
31	6 800		7 180		7 250		6 970	6 850		8 820		6 200	31
TOTAL	208 580	206 820	228 350	215 060	209 400	212 980	213 040	215 850	206 130	208 780	208 780	215 820	TOTAL
MEAN	6 730	7 140	7 370	7 170	6 750	7 100	6 870	6 960	6 870	6 770	6 990	6 970	MEAN
MAX	7 650	7 580	7 500	7 330	7 250	7 250	6 970	6 970	6 910	6 820	7 310	7 310	MAX
MIN	6 230	6 800	7 140	6 940	6 480	6 970	6 800	6 850	6 820	6 740	6 800	6 200	MIN

SUMMARY FOR THE YEAR 1988

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 6 970
MAXIMUM DAILY, 7 650 ON JAN 1
MINIMUM DAILY, 6 200 ON DEC 31

TYPE OF GAUGE - POWER PLANT
LOCATION - LAT 45 00 21 N
LONG 74 47 43 W
DRAINAGE AREA, 774 000 km²

DATA CONTRIBUTED BY -
INTERNATIONAL ST. LAWRENCE RIVER BOARD OF CONTROL

REGULATED

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	18 000 000	JUL	18 400 000
FEB	17 800 000	AUG	18 600 000
MAR	18 700 000	SEP	17 800 000
APR	18 600 000	OCT	18 100 000
MAY	18 100 000	NOV	18 100 000
JUN	18 400 000	DEC	18 700 000

TOTAL DISCHARGE, 220 000 000 dam³

ST. LAWRENCE RIVER AT IROQUOIS ISLAND (ABOVE) - STATION NO. 02MB003

DAILY WATER LEVEL IN METRES FOR 1988

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	73.63	73.55	73.15	73.62	73.89	74.00	74.00	73.94	73.82	73.70	73.59	73.55	1
2	73.64	73.51	73.15	73.62	73.84	73.93	74.00	73.93	73.83	73.71	73.56	73.57	2
3	73.46	73.47	73.17	---	73.85	73.94	74.04	73.92	73.78	73.63	73.63	73.70	3
4	73.44	73.47	73.17	---	73.98	73.99	74.00	73.95	73.76	73.66	73.60	73.64	4
5	73.56	73.38	73.21	---	74.00	74.06	73.97	73.93	73.81	73.59	73.62	73.44	5
6	73.60	73.42	73.23	73.60	74.02	74.01	73.96	73.96	73.80	73.59	73.58	73.60	6
7	73.61	73.34	73.26	73.63	73.95	74.01	73.98	73.95	73.82	73.63	73.61	73.62	7
8	73.57	73.18	73.26	73.64	74.00	73.99	73.96	73.94	73.81	73.59	73.63	73.41	8
9	73.60	72.98	73.33	73.64	74.04	73.96	74.00	73.94	73.81	73.56	73.65	73.41	9
10	73.59	73.07	73.39	73.66	74.07	73.98	73.99	73.94	73.82	73.67	73.72	73.31	10
11	73.63	73.04	73.39	73.64	74.07	74.06	74.01	73.91	73.76	73.79	73.73	73.28	11
12	73.67	72.84	73.31	73.63	74.06	74.09	73.96	73.90	73.72	73.74	73.59	73.31	12
13	73.63	73.11	73.36	73.64	74.17	74.06	73.94	73.92	73.78	73.70	73.62	73.39	13
14	73.48	73.09	73.44	73.69	74.07	74.03	73.97	73.94	73.79	73.76	73.70	73.36	14
15	73.63	73.13	73.47	73.77	74.02	74.04	73.94	73.98	73.72	73.70	73.60	73.46	15
16	73.55	73.15	73.49	73.76	74.02	74.03	73.97	73.92	73.68	73.80	73.66	73.36	16
17	73.64	73.13	73.51	73.84	73.86	73.97	73.97	73.92	73.70	73.63	73.77	73.36	17
18	73.84	73.14	73.52	73.89	73.80	74.00	74.00	73.92	73.76	73.71	73.76	73.34	18
19	73.84	73.11	73.52	73.91	73.83	74.02	73.97	73.92	73.86	73.69	73.83	73.36	19
20	73.82	73.11	73.48	73.83	74.01	74.06	73.94	73.82	73.72	73.67	73.43	73.48	20
21	73.65	73.08	73.44	73.76	74.06	74.03	73.90	73.76	73.77	73.67	73.49	73.55	21
22	73.58	73.02	73.43	73.78	74.06	74.03	73.93	73.76	73.72	73.41	73.51	73.40	22
23	73.59	73.03	73.41	73.76	74.10	74.01	73.91	73.72	73.76	73.62	73.49	73.40	23
24	73.56	73.03	73.47	73.87	74.07	73.99	73.91	73.76	73.76	73.61	73.49	73.48	24
25	73.57	73.06	73.42	73.86	74.04	74.02	73.93	73.83	73.72	73.76	73.49	73.60	25
26	73.46	73.09	73.52	73.87	74.12	74.06	73.94	73.89	73.89	73.70	73.46	73.57	26
27	73.51	73.09	73.55	73.81	74.18	74.02	73.95	73.82	73.70	73.65	73.46	73.48	27
28	73.52	73.12	73.56	73.82	74.08	74.06	73.94	73.83	73.66	73.74	73.54	73.60	28
29	73.50	73.18	73.55	73.82	74.01	74.06	73.94	73.82	73.59	73.81	73.52	73.52	29
30	73.51		73.52	73.83	74.01	74.03	73.96	73.82	73.66	73.67	73.54	73.56	30
31	73.50		73.56		74.02		73.95	73.81		73.81		73.51	31
MEAN	73.55	73.17	73.41	---	74.02	74.02	73.96	73.86	73.75	73.65	73.58	73.46	MEAN
MAX	73.86	73.55	73.56	---	74.17	74.06	74.04	73.96	73.83	73.81	73.77	73.70	MAX
MIN	73.44	72.84	73.15	---	73.84	73.93	73.90	73.72	73.59	73.41	73.43	73.28	MIN

SUMMARY FOR THE YEAR 1988

WATER LEVELS IN METRES

MAXIMUM DAILY, 74.17 ON MAY 13
MINIMUM DAILY, 72.84 ON FEB 12
MAXIMUM INSTANTANEOUS,
74.24 AT 6:15 EST ON MAY 27

TYPE OF GAUGE - RECORDING
LOCATION - LAT 44 48 30 N
LONG 75 19 14 W
DATA CONTRIBUTED BY -
OCEAN SCIENCE AND SURVEYS (DFO) (CANADA)

WATER LEVELS ARE REFERRED TO INTERNATIONAL GREAT LAKES DATUM (1955)

REMARKS - DATA PUBLISHED AS RECEIVED. DATA PUBLISHED MONTHLY BY OCEAN SCIENCE AND SURVEYS AS STATION 14800 IROQUOIS LOCK (ABOVE)

ST. LAWRENCE RIVER AT IROQUOIS ISLAND (BELOW) - STATION NO. 02MB009

DAILY WATER LEVEL IN METRES FOR 1988

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	73.42	73.30	72.88	73.53	73.81	73.81	73.82	73.86	73.74	73.82	73.61	73.48	1
2	73.43	73.38	72.99	73.53	73.76	73.85	73.83	73.85	73.76	73.84	73.48	73.47	2
3	73.34	73.33	73.01	73.51	73.78	73.86	73.87	73.85	73.72	73.55	73.58	73.40	3
4	73.32	73.26	73.01	73.50	73.81	73.90	73.83	73.87	73.88	73.48	73.52	73.45	4
5	73.46	73.21	73.05	73.63	73.84	73.98	73.80	73.85	73.74	73.51	73.44	73.36	5
6	73.52	73.24	73.07	73.53	73.88	73.83	73.81	73.88	73.72	73.52	73.46	73.38	6
7	73.54	73.18	73.09	73.56	73.89	73.82	73.82	73.87	73.74	73.55	73.63	73.43	7
8	73.48	72.88	73.07	73.58	73.84	73.81	73.81	73.86	73.74	73.52	73.56	73.31	8
9	73.52	72.77	73.13	73.57	73.87	73.88	73.83	73.86	73.73	73.51	73.57	73.31	9
10	73.52	72.85	73.21	73.60	74.01	73.80	73.82	73.86	73.76	73.56	73.63	73.21	10
11	73.56	72.84	73.25	73.57	74.01	73.87	73.84	73.83	73.88	73.71	73.66	73.18	11
12	73.48	72.78	73.20	73.56	74.01	74.00	73.81	73.82	73.84	73.67	73.51	73.20	12
13	73.54	72.82	73.23	73.57	74.08	73.89	73.87	73.84	73.70	73.63	73.53	73.28	13
14	73.38	72.81	73.32	73.62	74.00	73.85	73.80	73.85	73.71	73.71	73.62	73.25	14
15	73.44	72.84	73.37	73.70	73.95	73.96	73.86	73.80	73.84	73.83	73.53	73.34	15
16	73.48	72.88	73.38	73.72	73.95	73.94	73.80	73.84	73.80	73.82	73.47	73.28	16
17	73.48	72.86	73.41	73.76	73.91	73.89	73.88	73.85	73.81	73.85	73.88	73.26	17
18	73.48	72.86	73.42	73.83	73.83	73.93	73.93	73.76	73.87	73.83	73.89	73.24	18
19	73.45	72.83	73.43	73.86	73.86	73.94	73.90	73.74	73.80	73.82	73.46	73.26	19
20	73.43	72.82	72.38	73.77	73.83	73.96	73.87	73.76	73.83	73.49	73.35	73.37	20
21	73.57	72.88	73.34	73.72	73.89	73.95	73.84	73.70	73.88	73.48	73.38	73.48	21
22	73.50	72.83	73.34	73.73	74.01	73.86	73.88	73.87	73.84	73.33	73.42	73.32	22
23	73.50	72.84	73.30	73.89	74.03	73.84	73.84	73.84	73.86	73.43	73.40	73.32	23
24	73.47	72.85	73.37	73.81	74.00	73.81	73.83	73.86	73.88	73.52	73.40	73.40	24
25	73.45	72.89	73.33	73.83	73.98	73.85	73.86	73.75	73.85	73.88	73.40	73.62	25
26	73.34	72.91	73.43	73.81	74.05	73.89	73.87	73.82	73.81	73.83	73.37	73.50	26
27	73.32	72.82	73.56	73.76	74.04	73.85	73.87	73.75	73.82	73.58	73.37	73.40	27
28	73.32	72.85	73.59	73.76	74.03	73.86	73.86	73.75	73.89	73.86	73.44	73.52	28
29	73.30	72.88	73.76	73.76	73.92	73.88	73.86	73.74	73.81	73.75	73.43	73.45	29
30	73.32		73.83	73.75	73.93	73.85	73.80	73.74	73.87	73.80	73.43	73.48	30
31	73.33		73.87		73.84		73.87	73.73		73.83		73.64	31
MEAN	73.44	72.99	73.28	73.67	73.85	73.84	73.86	73.80	73.87	73.87	73.49	73.37	MEAN
MAX	73.67	73.38	73.59	73.85	74.08	74.00	73.87	73.90	73.75	73.75	73.69	73.60	MAX
MIN	73.30	72.78	72.88	73.51	73.78	73.85	73.83	73.84	73.81	73.33	73.35	73.18	MIN

SUMMARY FOR THE YEAR 1988

WATER LEVELS IN METRES

MEAN, 73.59
MAXIMUM DAILY, 74.08 ON MAY 13
MINIMUM DAILY, 72.78 ON FEB 12
MAXIMUM INSTANTANEOUS,
74.19 AT 8:22 EST ON MAY 27

TYPE OF GAUGE - RECORDING
LOCATION - LAT 44 50 12 N
LONG 75 18 37 W
DATA CONTRIBUTED BY -
OCEAN SCIENCE AND SURVEYS (DFO) (CANADA)

WATER LEVELS ARE REFERRED TO INTERNATIONAL GREAT LAKES DATUM (1955)

REMARKS - DATA PUBLISHED AS RECEIVED. DATA PUBLISHED MONTHLY BY OCEAN SCIENCE AND SURVEYS AS STATION 14802 IROQUOIS LOCK (BELOW)

ST. LAWRENCE RIVER AT SUMMERSTOWN - STATION NO. 02MC023

DAILY WATER LEVEL IN METRES FOR 1988

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	46.58	46.71	46.80	46.66	46.59	46.63	46.56	46.60	46.62	46.58	46.63	46.64	1
2	46.62	46.73	46.77	46.67	46.63	46.63	46.54	46.61	46.58	46.60	46.68	46.61	2
3	46.68	46.74	46.78	46.69	46.63	46.60	46.55	46.65	46.58	46.58	46.67	46.60	3
4	46.68	46.74	46.77	46.67	46.63	46.59	46.57	46.63	46.57	46.60	46.62	46.62	4
5	46.61	46.71	46.72	46.68	46.66	46.66	46.58	46.64	46.58	46.64	46.68	46.67	5
6	46.67	46.71	46.74	46.64	46.58	46.67	46.54	46.63	46.65	46.62	46.72	46.68	6
7	46.63	46.72	46.78	46.68	46.61	46.65	46.59	46.60	46.67	46.59	46.67	46.66	7
8	46.64	46.76	46.78	46.61	46.64	46.60	46.60	46.61	46.61	46.58	46.58	46.66	8
9	46.69	46.78	46.83	46.67	46.59	46.66	46.66	46.64	46.65	46.64	46.60	46.63	9
10	46.66	46.74	46.81	46.67	46.62	46.66	46.58	46.63	46.61	46.64	46.66	46.66	10
11	46.61	46.76	46.85	46.68	46.64	46.49	46.59	46.68	46.80	46.58	46.61	46.67	11
12	46.66	46.71	46.84	46.63	46.62	46.60	46.61	46.67	46.61	46.62	46.64	46.64	12
13	46.78	46.70	46.85	46.61	46.61	46.64	46.61	46.65	46.60	46.59	46.66	46.63	13
14	46.71	46.73	46.81	46.62	46.62	46.63	46.58	46.67	46.66	46.65	46.67	46.67	14
15	46.68	46.73	46.79	46.67	46.61	46.63	46.60	46.64	46.64	46.64	46.67	46.68	15
16	46.69	46.73	46.81	46.67	46.60	46.66	46.60	46.60	46.66	46.66	46.69	46.68	16
17	46.69	46.74	46.81	46.62	46.64	46.67	46.61	46.66	46.60	46.62	46.69	46.63	17
18	46.67	46.74	46.79	46.61	46.66	46.64	46.59	46.61	46.60	46.67	46.69	46.66	18
19	46.71	46.77	46.76	46.68	46.60	46.64	46.60	46.63	46.60	46.62	46.66	46.66	19
20	46.70	46.78	46.73	46.64	46.59	46.63	46.58	46.63	46.59	46.59	46.66	46.68	20
21	46.64	46.77	46.71	46.66	46.59	46.63	46.59	46.62	46.61	46.61	46.66	46.62	21
22	46.62	46.78	46.71	46.64	46.62	46.61	46.57	46.63	46.61	46.78	46.69	46.69	22
23	46.63	46.80	46.72	46.63	46.59	46.61	46.60	46.69	46.59	46.66	46.69	46.66	23
24	46.72	46.78	46.69	46.63	46.64	46.62	46.62	46.72	46.66	46.64	46.68	46.63	24
25	46.68	46.78	46.66	46.63	46.59	46.64	46.62	46.68	46.66	46.62	46.68	46.63	25
26	46.70	46.80	46.67	46.66	46.66	46.64	46.64	46.69	46.66	46.61	46.60	46.66	26
27	46.67	46.74	46.63	46.66	46.62	46.66	46.66	46.62	46.67	46.66	46.63	46.64	27
28	46.69	46.78	46.69	46.64	46.66	46.66	46.66	46.66	46.61	46.63	46.61	46.69	28
29	46.66	46.78	46.64	46.74	46.61	46.64	46.63	46.68	46.61	46.67	46.66	46.66	29
30	46.68		46.68	46.69	46.61	46.60	46.61	46.62	46.66	46.80	46.67	46.60	30
31	46.70		46.64		46.60		46.62	46.67		46.82		46.69	31
MEAN	46.70	46.75	46.74	46.66	46.66	46.65	46.60	46.63	46.69	46.69	46.66	46.62	MEAN
MAX	46.84	46.80	46.85	46.74	46.64	46.63	46.66	46.72	46.66	46.78	46.72	46.66	MAX
MIN	46.61	46.70	46.64	46.64	46.61	46.49	46.64	46.67	46.64	46.67	46.49	46.63	MIN

SUMMARY FOR THE YEAR 1988

WATER LEVELS IN METRES

MEAN, 46.62
MAXIMUM DAILY, 46.84 ON JAN 6
MINIMUM DAILY, 46.63 ON DEC 21
MAXIMUM INSTANTANEOUS,
46.86 AT 14:53 EST ON JAN 7

TYPE OF GAUGE - RECORDING
LOCATION - LAT 45 03 35 N
LONG 74 33 13 W
DATA CONTRIBUTED BY -
OCEAN SCIENCE AND SURVEYS (DFO) (CANADA)

WATER LEVELS ARE REFERRED TO INTERNATIONAL GREAT LAKES DATUM (1955)

REMARKS - DATA PUBLISHED AS RECEIVED. DATA PUBLISHED MONTHLY BY OCEAN SCIENCE AND SURVEYS AS STATION 14840 SUMMERSTOWN

ST. LAWRENCE RIVER BELOW CORNWALL CANAL - STATION NO. 02MC022

DAILY WATER LEVEL IN METRES FOR 1988

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	46.80	46.85	47.11	46.77	46.78	46.84	46.78	46.81	46.80	46.78	46.82	46.75	1
2	46.78	46.89	47.08	46.79	46.82	46.83	46.74	46.81	46.73	46.77	46.84	46.72	2
3	46.80	47.01	47.07	46.81	46.81	46.80	46.75	46.85	46.77	46.76	46.74	46.70	3
4	46.81	47.01	47.08	46.78	46.70	46.78	46.76	46.83	46.76	46.78	46.81	46.73	4
5	46.73	46.89	47.03	46.80	46.73	46.74	46.78	46.84	46.73	46.84	46.89	46.78	5
6	46.83	46.88	47.05	46.86	46.72	46.77	46.76	46.82	46.73	46.80	46.90	46.78	6
7	47.13	47.01	47.08	46.80	46.78	46.76	46.76	46.79	46.76	46.78	46.87	46.77	7
8	47.18	47.11	47.10	46.82	46.80	46.80	46.80	46.80	46.79	46.77	46.78	46.78	8
9	47.18	47.13	47.14	46.78	46.76	46.76	46.77	46.83	46.83	46.81	46.78	46.76	9
10	47.11	47.04	47.12	46.78	46.86	46.78	46.78	46.82	46.78	46.82	46.73	46.77	10
11	47.06	47.08	47.15	46.81	46.70	46.86	46.78	46.77	46.78	46.76	46.70	46.78	11
12	47.11	47.08	47.14	46.86	46.88	46.88	46.80	46.76	46.78	46.86	46.86	46.76	12
13	47.08	47.06	47.15	46.83	46.86	46.73	46.81	46.83	46.77	46.77	46.85	46.76	13
14	47.10	47.11	47.10	46.84	46.76	46.73	46.78	46.86	46.74	46.72	46.76	46.79	14
15	47.08	47.10	47.07	46.78	46.78	46.73	46.80	46.82	46.74	46.83	46.77	46.89	15
16	47.03	47.08	47.08	46.77	46.77	46.75	46.80	46.78	46.74	46.87	46.78	46.88	16
17	46.89	47.08	47.06	46.72	46.72	46.77	46.81	46.77	46.80	46.80	46.86	46.75	17
18	46.87	47.07	47.03	46.70	46.77	46.73	46.78	46.81	46.78	46.74	46.86	46.78	18
19	46.89	47.10	46.98	46.86	46.78	46.74	46.80	46.83	46.78	46.80	46.77	46.77	19
20	46.98	47.12	46.94	46.85	46.77	46.70	46.78	46.81	46.78	46.77	46.87	46.89	20
21	46.92	47.13	46.93	46.77	46.75	46.73	46.78	46.80	46.78	46.80	46.85	46.81	21
22	46.89	47.15	46.93	46.74	46.78	46.70	46.77	46.82	46.80	46.88	46.78	46.89	22
23	46.89	47.14	46.94	46.73	46.75	46.72	46.80	46.87	46.78	46.83	46.81	46.78	23
24	47.00	47.12	46.90	46.72	46.72	46.72	46.82	46.81	46.74	46.83	46.80	46.71	24
25	46.86	47.11	46.88	46.72	46.77	46.77	46.82	46.87	46.74	46.80	46.80	46.89	25
26	46.87	47.13	46.87	46.75	46.73	46.73	46.84	46.78	46.75	46.70	46.83	46.85	26
27	46.84	47.05	46.83	46.79	46.89	46.74	46.85	46.80	46.75	46.74	46.85	46.72	27
28	46.93	47.10	46.79	46.85	46.78	46.74	46.85	46.82	46.78	46.71	46.83	46.88	28
29	46.89	47.10	46.85	46.85	46.80	46.73	46.84	46.75	46.80	46.85	46.80	46.84	29
30	46.93		46.79	46.89	46.80	46.78	46.80	46.81	46.77	46.89	46.80	46.87	30
31	46.95		46.75		46.78		46.81	46.85		46.71		46.85	31
MEAN	46.97	47.07	47.00	46.78	46.78	46.75	46.79	46.82	46.77	46.78	46.80	46.72	MEAN
MAX	47.18	47.15	47.15	46.86	46.82	46.84	46.85	46.81	46.83	46.88	46.90	46.78	MAX
MIN	46.73	46.86	46.75	46.85	46.85	46.88	46.74	46.76	46.73	46.85	46.88	46.81	MIN

SUMMARY FOR THE YEAR 1988

WATER LEVELS IN METRES

MEAN, 46.83
MAXIMUM DAILY, 47.18 ON JAN 8
MINIMUM DAILY, 46.81 ON DEC 21
MAXIMUM INSTANTANEOUS,
47.30 AT 1:15 EST ON JAN 9

TYPE OF GAUGE - RECORDING
LOCATION - LAT 45 00 55 N
LONG 74 42 38 W
DATA CONTRIBUTED BY -
OCEAN SCIENCE AND SURVEYS (DFO) (CANADA)

WATER LEVELS ARE REFERRED TO INTERNATIONAL GREAT LAKES DATUM (1955)

REMARKS - DATA PUBLISHED AS RECEIVED. DATA PUBLISHED MONTHLY BY OCEAN SCIENCE AND SURVEYS AS STATION 14870 CORNWALL

ST. MARYS RIVER AT SAULT STE. MARIE - STATION NO. 02CA001

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1988

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	1 780	1 800	1 780	1 780	1 880	1 820	1 580	1 580	1 880	1 810	1 580	2 270	1
2	1 780	1 800	1 780	1 780	1 880	1 820	1 580	1 580	1 880	1 810	1 580	2 270	2
3	1 780	1 800	1 780	1 780	1 880	1 820	1 580	1 580	1 880	1 810	1 580	2 270	3
4	1 780	1 800	1 780	1 780	1 880	1 820	1 580	1 580	1 880	1 810	1 580	2 270	4
5	1 780	1 800	1 780	1 780	1 880	1 820	1 580	1 580	1 880	1 810	1 580	2 270	5
6	1 780	1 800	1 780	1 780	1 880	1 820	1 580	1 580	1 880	1 810	1 580	2 270	6
7	1 780	1 800	1 780	1 780	1 880	1 820	1 580	1 580	1 880	1 810	1 580	2 270	7
8	1 780	1 800	1 780	1 780	1 880	1 820	1 580	1 580	1 880	1 810	1 580	2 270	8
9	1 780	1 800	1 780	1 780	1 880	1 820	1 580	1 580	1 880	1 810	1 580	2 270	9
10	1 780	1 800	1 780	1 780	1 880	1 820	1 580	1 580	1 880	1 810	1 580	2 270	10
11	1 780	1 800	1 780	1 780	1 880	1 820	1 580	1 580	1 880	1 810	1 580	2 270	11
12	1 780	1 800	1 780	1 780	1 880	1 820	1 580	1 580	1 880	1 810	1 580	2 270	12
13	1 780	1 800	1 780	1 780	1 880	1 820	1 580	1 580	1 880	1 810	1 580	2 270	13
14	1 780	1 800	1 780	1 780	1 880	1 820	1 580	1 580	1 880	1 810	1 580	2 270	14
15	1 780	1 800	1 780	1 780	1 880	1 820	1 580	1 580	1 880	1 810	1 580	2 270	15
16	1 780	1 800	1 780	1 780	1 880	1 820	1 580	1 580	1 880	1 810	1 580	2 270	16
17	1 780	1 800	1 780	1 780	1 880	1 820	1 580	1 580	1 880	1 810	1 580	2 270	17
18	1 780	1 800	1 780	1 780	1 880	1 820	1 580	1 580	1 880	1 810	1 580	2 270	18
19	1 780	1 800	1 780	1 780	1 880	1 820	1 580	1 580	1 880	1 810	1 580	2 270	19
20	1 780	1 800	1 780	1 780	1 880	1 820	1 580	1 580	1 880	1 810	1 580	2 270	20
21	1 780	1 800	1 780	1 780	1 880	1 820	1 580	1 580	1 880	1 810	1 580	2 270	21
22	1 780	1 800	1 780	1 780	1 880	1 820	1 580	1 580	1 880	1 810	1 580	2 270	22
23	1 780	1 800	1 780	1 780	1 880	1 820	1 580	1 580	1 880	1 810	1 580	2 270	23
24	1 780	1 800	1 780	1 780	1 880	1 820	1 580	1 580	1 880	1 810	1 580	2 270	24
25	1 780	1 800	1 780	1 780	1 880	1 820	1 580	1 580	1 880	1 810	1 580	2 270	25
26	1 780	1 800	1 780	1 780	1 880	1 820	1 580	1 580	1 880	1 810	1 580	2 270	26
27	1 780	1 800	1 780	1 780	1 880	1 820	1 580	1 580	1 880	1 810	1 580	2 270	27
28	1 780	1 800	1 780	1 780	1 880	1 820	1 580	1 580	1 880	1 810	1 580	2 270	28
29	1 780	1 800	1 780	1 780	1 880	1 820	1 580	1 580	1 880	1 810	1 580	2 270	29
30	1 780		1 780	1 780	1 880	1 820	1 580	1 580	1 880	1 810	1 580	2 270	30
31	1 780		1 780		1 880		1 580	1 580		1 810		2 270	31
TOTAL	55 480	52 200	55 480	53 700	61 380	57 600	48 980	48 980	58 400	58 210	47 400	70 370	TOTAL
MEAN	1 780	1 800	1 780	1 780	1 980	1 920	1 580	1 580	1 880	1 810	1 580	2 270	MEAN
MAX	1 780	1 800	1 780	1 780	1 980	1 920	1 580	1 580	1 880	1 810	1 580	2 270	MAX
MIN	1 780	1 800	1 780	1 780	1 980	1 920	1 580	1 580	1 880	1 810	1 580	2 270	MIN

SUMMARY FOR THE YEAR 1988

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 1 830
MAXIMUM DAILY, 2 270 ON DEC 1
MINIMUM DAILY, 1 580 ON JUL 1

TYPE OF GAUGE - POWER PLANT
LOCATION - LAT 46 30 34 N
LONG 84 21 42 W
DRAINAGE AREA, 210 000 km²

REGULATED

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	4 780 000	JUL	4 230 000
FEB	4 510 000	AUG	4 230 000
MAR	4 780 000	SEP	5 130 000
APR	4 640 000	OCT	5 120 000
MAY	5 300 000	NOV	4 100 000
JUN	4 980 000	DEC	6 080 000

TOTAL DISCHARGE, 57 800 000 dam³

DATA CONTRIBUTED BY -
INTERNATIONAL LAKE SUPERIOR BOARD OF CONTROL

ST. MARYS RIVER AT SAULT STE. MARIE (ABOVE) - STATION NO. 02BF011

DAILY WATER LEVEL IN METRES FOR 1988

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	182.88	182.88	182.80	182.88	182.78	182.82	182.88	182.87	182.86	183.04	182.94	183.13	1
2	182.88	182.79	182.79	182.84	182.78	182.81	182.85	182.83	182.88	183.05	182.98	183.12	2
3	182.83	182.78	182.71	182.88	182.74	182.83	182.82	182.85	183.02	182.97	182.91	183.22	3
4	182.89	182.80	182.74	182.73	182.74	182.81	182.78	182.86	183.08	183.03	182.94	183.14	4
5	182.84	182.84	182.72	182.71	182.78	182.82	182.78	182.87	183.10	183.02	182.99	183.04	5
6	182.73	182.81	182.74	182.83	182.78	182.82	182.78	182.88	183.08	183.00	183.03	183.10	6
7	---	182.86	182.71	182.78	182.87	182.80	182.78	182.90	182.97	182.93	183.07	183.08	7
8	182.88	182.78	182.83	182.75	182.87	182.83	182.83	182.93	182.95	182.95	183.07	183.10	8
9	182.80	182.84	182.78	182.73	182.72	182.87	182.84	182.94	183.03	182.97	183.00	183.04	9
10	182.83	182.78	182.69	182.82	182.84	182.82	182.86	182.89	183.08	183.20	183.14	183.07	10
11	182.84	182.78	182.87	182.81	182.74	182.80	182.90	182.88	182.98	183.13	183.05	182.98	11
12	182.84	182.83	182.82	182.78	182.74	182.78	182.87	182.90	183.01	183.02	182.80	182.83	12
13	182.88	182.80	182.77	182.79	182.88	182.78	182.81	182.90	183.03	182.98	183.08	183.02	13
14	182.77	182.78	182.73	182.88	182.73	182.78	182.90	183.06	183.08	182.98	183.12	183.04	14
15	182.78	182.81	182.75	182.83	182.78	182.84	182.80	183.03	182.98	182.93	182.88	183.12	15
16	182.74	182.70	182.73	182.78	182.84	182.83	182.88	182.84	182.88	182.93	182.97	183.03	16
17	182.84	182.78	182.69	182.85	182.81	182.81	182.89	183.03	182.98	183.02	183.27	183.08	17
18	182.84	182.75	182.76	182.80	182.78	182.78	182.89	183.02	182.84	183.05	183.11	182.98	18
19	182.76	182.74	182.74	182.71	182.78	182.77	182.88	183.03	182.84	182.97	183.01	182.88	19
20	182.87	182.88	182.73	182.73	182.80	182.85	182.87	183.04	183.07	182.95	183.18	183.08	20
21	182.83	182.74	182.87	182.89	182.84	182.78	182.89	183.01	183.07	182.97	183.14	183.07	21
22	182.78	182.80	182.56	182.71	182.85	182.85	182.87	182.93	182.98	183.00	183.08	182.76	22
23	182.87	182.82	182.86	182.76	182.83	182.85	182.85	182.92	183.15	182.95	183.03	183.01	23
24	182.87	182.79	182.57	182.79	182.85	182.75	182.85	183.02	183.04	183.03	182.95	183.07	24
25	182.83	182.76	182.81	182.76	182.80	182.90	182.90	183.12	183.10	183.06	183.03	183.20	25
26	182.82	182.71	182.72	182.82	182.78	182.81	182.87	183.11	182.86	183.05	183.00	182.88	26
27	182.88	182.75	182.73	182.78	182.78	182.88	182.83	183.02	183.06	182.87	183.12	182.85	27
28	182.77	182.74	182.67	182.83	182.78	182.88	182.82	183.09	182.95	183.26	183.18	183.12	28
29	182.72	182.74	182.61	182.83	182.78	182.84	182.87	183.07	182.92	183.18	183.08	183.04	29
30	182.78		182.70	182.82	182.81	182.82	182.88	183.04	182.98	183.01	183.20	183.04	30
31	182.85		182.86		182.83		182.83	182.97		182.95		183.03	31
MEAN	---	182.78	182.88	182.77	182.78	182.83	182.85	182.97	183.01	183.01	183.05	183.08	MEAN
MAX	---	182.88	182.78	182.88	182.85	182.84	182.90	183.12	183.15	183.26	183.27	183.22	MAX
MIN	---	182.70	182.47	182.84	182.87	182.78	182.78	182.83	182.84	182.87	182.88	182.78	MIN

SUMMARY FOR THE YEAR 1988

WATER LEVELS IN METRES

MAXIMUM DAILY, 183.27 ON NOV 17
MINIMUM DAILY, 182.47 ON MAR 28
MAXIMUM INSTANTANEOUS,
183.64 AT 11:20 EST ON DEC 3

TYPE OF GAUGE - RECORDING
LOCATION - LAT 46 30 49 N
LONG 84 22 20 W
DATA CONTRIBUTED BY -
OCEAN SCIENCE AND SURVEYS (DFO) (CANADA)

WATER LEVELS ARE REFERRED TO INTERNATIONAL GREAT LAKES DATUM (1955)

REMARKS - DATA PUBLISHED AS RECEIVED. DATA PUBLISHED MONTHLY BY OCEAN SCIENCE AND SURVEYS AS STATION 10980 SAULT STE MARIE (ABOVE)

ST. MARYS RIVER AT SAULT STE. MARIE (BELOW) - STATION NO. 02CA005

DAILY WATER LEVEL IN METRES FOR 1988

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	176.67	176.74	176.73	176.70	176.84	176.85	---	176.53	176.58	176.45	176.35	176.44	1
2	176.73	176.76	176.70	176.68	---	176.83	---	176.58	176.62	176.43	176.24	176.51	2
3	176.74	176.76	176.72	176.69	---	176.83	---	176.54	176.54	176.51	176.37	176.51	3
4	176.66	176.76	176.72	176.75	---	176.87	---	176.53	176.42	176.51	176.34	176.50	4
5	176.77	176.78	176.63	176.78	---	176.87	---	176.54	176.28	176.37	176.39	176.57	5
6	176.85	176.78	176.65	176.71	---	176.89	---	176.57	176.50	176.45	176.48	176.58	6
7	176.79	176.83	176.83	176.87	---	176.71	---	176.52	176.59	176.55	176.31	176.49	7
8	176.78	176.77	176.87	176.83	---	176.86	---	176.57	176.54	176.48	176.32	176.52	8
9	176.74	176.70	176.65	176.80	---	176.84	---	176.58	176.58	176.35	176.39	176.55	9
10	176.76	176.71	176.73	176.58	176.68	176.67	---	176.80	176.47	176.32	176.29	176.61	10
11	176.84	176.72	176.71	176.59	176.73	176.70	---	176.59	176.53	176.31	176.35	176.80	11
12	176.81	176.86	176.83	176.85	176.72	176.71	---	176.65	176.52	176.39	176.55	176.63	12
13	176.73	176.86	176.86	176.85	176.61	176.72	---	176.51	176.48	176.48	176.37	176.62	13
14	176.78	176.81	176.88	176.80	176.75	176.71	---	176.50	176.47	176.48	176.38	176.59	14
15	176.82	176.88	176.70	176.89	176.72	176.84	176.59	176.46	176.80	176.39	176.62	176.43	15
16	176.87	176.88	176.72	---	176.71	176.67	176.45	176.52	176.55	176.47	176.61	176.59	16
17	176.78	176.82	176.74	176.81	176.89	176.89	176.44	176.50	176.52	176.45	176.48	176.55	17
18	176.76	176.83	176.70	176.89	176.71	176.71	176.53	176.46	176.52	176.38	176.45	176.56	18
19	176.77	176.86	176.89	176.83	176.89	176.87	176.53	176.42	176.80	176.51	176.47	176.58	19
20	176.78	176.87	176.86	176.88	176.84	176.86	176.56	176.38	176.80	176.48	176.31	176.56	20
21	176.72	176.87	176.89	176.82	176.81	---	176.52	176.40	176.50	176.52	176.31	176.52	21
22	176.80	176.77	176.74	176.82	176.89	---	176.57	176.53	176.55	176.45	176.41	176.62	22
23	176.76	176.78	176.72	176.86	176.83	176.81	176.56	176.59	176.38	176.43	176.47	176.64	23
24	176.88	176.79	176.72	176.87	176.84	176.87	176.53	176.52	176.45	176.41	176.53	176.67	24
25	176.89	176.74	176.88	176.88	176.86	176.85	176.52	176.49	176.34	176.37	176.52	176.61	25
26	176.78	176.75	176.88	176.82	176.75	---	176.58	176.49	176.44	176.45	176.53	176.59	26
27	176.75	176.80	176.89	176.87	176.74	176.59	176.61	176.58	176.43	176.58	176.54	176.62	27
28	176.74	176.89	176.75	176.80	176.70	176.60	176.58	176.48	176.48	176.43	176.57	176.64	28
29	176.77	176.89	176.74	176.58	176.89	---	176.57	176.50	176.50	176.37	176.80	176.80	29
30	176.78		176.88	176.88	176.86	---	176.48	176.44	176.48	176.40	176.53	176.65	30
31	176.77		176.74		176.86		176.58	176.50		176.48		176.48	31
MEAN	176.77	176.71	176.88	---	---	---	---	176.52	176.50	176.44	176.43	176.55	MEAN
MAX	176.82	176.83	176.75	---	---	---	---	176.64	176.64	176.58	176.61	176.64	MAX
MIN	176.66	176.87	176.63	---	---	---	---	176.38	176.28	176.31	176.24	176.43	MIN

SUMMARY FOR THE YEAR 1988

WATER LEVELS IN METRES

MAXIMUM DAILY, 176.92 ON JAN 15
MINIMUM DAILY, 176.24 ON NOV 2
MAXIMUM INSTANTANEOUS,
176.89 AT 9:10 EST ON JAN 15

TYPE OF GAUGE - RECORDING
LOCATION - LAT 46 30 47 N
LONG 84 20 41 W
DATA CONTRIBUTED BY -
OCEAN SCIENCE AND SURVEYS (DFO) (CANADA)

WATER LEVELS ARE REFERRED TO INTERNATIONAL GREAT LAKES DATUM (1955)

REMARKS - DATA PUBLISHED AS RECEIVED. DATA PUBLISHED MONTHLY BY OCEAN SCIENCE AND SURVEYS AS STATION 11010 SAULT STE MARIE (BELOW)

ST. MARYS RIVER NEAR GARDEN RIVER - STATION NO. 02CA003

DAILY WATER LEVEL IN METRES FOR 1988

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	24.305	24.288	24.248	24.278	24.258	24.250	24.118	24.181	24.184	24.072	23.863E	24.037	1
2	24.349	24.267	24.248	24.285	24.288	24.228	24.148	24.195	24.188	24.000	23.837E	24.092	2
3	24.388	24.288	24.238	24.275	24.292	24.215	24.181	24.178	24.145	24.074	24.028E	24.101	3
4	24.277	24.286	24.245	24.321	24.280	24.255	24.212	24.213	24.047	24.087	23.978E	24.058	4
5	24.303	24.281	24.211	24.356	24.261	24.252	24.210	24.245	23.926	23.954	24.040E	24.127	5
6	24.351	24.285	24.228	24.318	24.271	24.278	24.214	24.204	24.075	23.949A	24.088E	24.133	6
7	24.298	24.343	24.203	24.288	24.302	24.278	24.214	24.170	24.170	24.108E	23.978E	24.042	7
8	24.301	24.293	24.234	24.273	24.321	24.224	24.228	24.181	24.224	24.088E	24.010E	24.073	8
9	24.288	24.245	24.224	24.238	24.351	24.208	24.182	24.188	24.172	24.015E	24.040E	24.088	9
10	24.283	24.227	24.258	24.223	24.284	24.242	24.148	24.197	24.108	24.028E	23.978E	24.086	10
11	24.361	24.234	24.261	24.215	24.301	24.278	24.148	24.201	24.104	24.000E	24.008E	24.051	11
12	24.334	24.192	24.201	24.250	24.300	24.284	24.157	24.204	24.117	24.000E	24.048E	24.188	12
13	24.223	24.201	24.128	24.288	24.239	24.298	24.228	24.178	24.051	24.087E	23.853E	24.223	13
14	24.273	24.243	24.203	24.215	24.288	24.303	24.178	24.228	24.063	24.073E	24.000E	24.170	14
15	24.372	24.155	24.236	24.283	24.312	24.258	24.218	24.125	24.078	24.048E	24.053E	24.002	15
16	24.370	24.215	24.256	24.237	24.288	24.243	24.144	24.177	24.128	24.088E	24.102E	24.138	16
17	24.302	24.223	24.262	24.272	24.258	24.283	24.128	24.189	24.118	24.070E	24.158A	24.123	17
18	24.267	24.223	24.270	24.121	24.270	24.286	24.178	24.121	24.088	24.011E	24.128	24.126	18
19	24.284	24.244	24.254	24.246	24.267	24.292	24.158	24.091	24.180	24.088E	24.138	24.153	19
20	24.278	24.177	24.215	24.284	24.246	24.245	24.178	24.075	24.210	24.055E	24.027	24.154	20
21	24.222	24.225	24.221	24.213	24.245	24.230	24.155	24.078	24.081	24.100E	23.983	24.084	21
22	24.300	24.347	24.258	24.239	24.227	24.212	24.174	24.144	24.127	24.045E	24.058	24.180	22
23	24.308	24.291	24.261	24.209	24.218	24.210	24.173	24.204	24.021	24.010E	24.084	24.204	23
24	24.248	24.310	24.245	24.182	24.209	24.265	24.172	24.142	24.073	24.088E	24.123	24.124	24
25	24.219	24.278	24.261	24.298	24.226	24.175	24.170	24.138	24.024	24.040E	24.108	24.095	25
26	24.238	24.288	24.268	24.247	24.318	24.160	24.183	24.120	24.053	24.088E	24.118	24.134	26
27	24.275	24.188	24.276	24.259	24.313	24.195	24.213	24.190	24.051	24.120E	24.148	24.205	27
28	24.261	24.247	24.288	24.210	24.288	24.188	24.205	24.125	24.047	24.028E	24.132	24.111	28
29	24.301	24.231	24.261	24.219	24.278	24.130	24.211	24.117	24.082	24.015E	24.148	24.184	29
30	24.306		24.251	24.236	24.268	24.131	24.158	24.073	24.084	24.037E	24.128	24.147	30
31	24.323		24.310		24.268		24.157	24.124		24.048E		24.070	31
MEAN	24.295	24.252	24.244	24.252	24.275	24.237	24.177	24.150	24.088	24.047	24.058	24.118	MEAN
MAX	24.372	24.347	24.310	24.356	24.351	24.303	24.228	24.245	24.224	24.120	24.158	24.223	MAX
MIN	24.219	24.155	24.128	24.121	24.209	24.130	24.118	24.073	23.926	23.949	23.837	24.002	MIN

SUMMARY FOR THE YEAR 1988

WATER LEVELS IN METRES

MEAN, 24.184
MAXIMUM DAILY, 24.372 ON JAN 15
MINIMUM DAILY, 23.826 ON SEP 5
MAXIMUM INSTANTANEOUS,
24.444 AT 16:01 EST ON MAY 8

TYPE OF GAUGE - RECORDING
LOCATION - LAT 48 31 57 N
LONG 84 07 56 W

A - MANUAL GAUGE

E - ESTIMATED

REGULATED

WATER LEVELS ARE REFERRED TO ASSUMED DATUM
APPLY 152.400 m ADJUSTMENT TO CONVERT TO GEODETIC SURVEY OF CANADA DATUM

STEEL RIVER NEAR TERRACE BAY - STATION NO. 02EA002

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1988

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	7.208	3.078	2.628	3.688	35.4	28.7	14.2	5.89	18.3	28.4	28.7	22.1 B	1
2	7.058	3.008	2.818	4.358	40.6	28.5	13.8	6.09	18.3	27.5	28.4	20.3 B	2
3	6.808	3.648	2.808	4.908	44.8	26.7	13.4	6.19	18.1	27.1	27.4	19.1 B	3
4	6.758	3.748	2.698	5.708	47.8	26.1	13.1	6.31	17.8	26.0	26.8	17.9 B	4
5	6.808	3.728	2.888	6.808	48.7	27.2	13.0	6.61	17.0	25.2	27.0	16.7 B	5
6	6.458	3.888	2.878	8.208	48.8	26.3	12.7	6.72	16.7	25.3	25.8	15.6 B	6
7	6.338	3.838	2.868	9.62	49.6	25.3	12.5	6.73	16.3	25.3	25.9	14.7 B	7
8	6.208	3.578	2.858	10.6	48.4	24.0	12.2	7.07	16.1	25.3	25.3	13.8 B	8
9	6.068	3.528	2.848	11.9	47.7	22.5	11.8	7.16	16.0	27.6	24.7	13.1 B	9
10	5.928	3.478	2.838	13.3	46.7	21.3	11.5	7.17	15.9	27.5	25.5	12.2 B	10
11	5.808	3.418	2.828	15.1	46.1	20.1	11.2	7.33	15.8	26.8	24.9	11.6 B	11
12	5.888	3.378	2.828	16.8	46.4	19.1	10.8	7.95	15.7	25.5	24.8	11.1 B	12
13	5.668	3.338	2.818	19.4	45.2	18.4	10.3	8.23	15.4	24.9	25.5	10.7 B	13
14	5.478	3.308	2.808	22.0	46.8	17.6	10.3	10.6	15.5	24.5	25.0	10.3 B	14
15	5.368	3.288	2.808	24.2	50.0	17.4	9.98	11.3	15.4	23.8	24.5	10.1 B	15
16	5.268	3.268	2.798	25.8	48.2	16.7	9.67	13.3	15.5	23.8	40.5	9.728	16
17	5.168	3.228	2.798	26.8	48.0	16.2	9.20	15.7	15.3	27.8	46.6	9.678	17
18	5.058	3.198	2.798	27.7	48.4	15.8	8.80	17.1	15.4	30.3	53.2	9.248	18
19	4.888	3.168	2.788	28.1	44.8	15.5	8.81	18.0	17.3	32.8	55.8	9.008	19
20	4.888	3.138	2.768	28.0	42.8	15.4	8.43	18.8	24.2	34.5	54.6	8.788	20
21	4.788	3.108	2.788	25.4	41.6	14.9	8.23	18.7	27.7	35.0	50.4	8.608	21
22	4.708	3.068	2.778	24.6	39.7	14.9	7.85	18.8	30.5	34.9	46.1	8.408	22
23	4.628	3.068	2.778	24.5	38.3	14.2	7.68	19.4	32.8	33.7	42.5	8.258	23
24	4.538	3.038	2.828	24.2	38.8	14.8	7.33	19.8	32.8	32.8	38.8	8.058	24
25	4.488	3.018	2.868	24.5	38.8	15.5	7.30	19.6	32.5	31.8	37.5	7.938	25
26	4.368	2.988	2.928	24.8	36.8	15.1	6.92	19.3	31.8	30.5	33.38	7.788	26
27	4.308	2.978	3.008	25.2	32.3	14.8	6.73	19.6	31.1	29.8	30.58	7.658	27
28	4.228	2.958	3.108	26.2	32.4	14.8	6.47	19.5	29.8	30.8	27.98	7.528	28
29	4.158	2.838	3.228	28.0	31.6	14.8	6.34	19.3	29.4	30.8	26.88	7.408	29
30	4.088		3.338	30.9	30.3	14.6	6.27	19.0	28.7	30.7	23.98	7.288	30
31	4.028		3.568		29.1		6.01	18.6		30.4		7.208	31
TOTAL	168.88	96.83	89.88	566.05	1 315.4	580.9	302.90	405.88	645.3	905.5	1 002.0	351.77	TOTAL
MEAN	5.38	3.34	2.90	18.9	42.4	19.4	9.76	13.1	21.5	29.2	33.4	11.3	MEAN
MAX	7.20	3.97	3.56	30.9	50.0	28.7	14.2	19.8	32.8	35.0	55.8	22.1	MAX
MIN	4.02	2.83	2.77	3.68	29.1	14.2	6.01	5.89	15.4	23.8	23.8	7.20	MIN

SUMMARY FOR THE YEAR 1988

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 17.8
MAXIMUM DAILY, 55.8 ON NOV 10
MINIMUM DAILY, 2.778 ON MAR 22
MAXIMUM INSTANTANEOUS,
57.2 AT 21:30 EST ON NOV 10

TYPE OF GAUGE - RECORDING
LOCATION - LAT 48 46 40 N
LONG 86 53 04 W
DRAINAGE AREA, 1 190 km²

B - ICE CONDITIONS

NATURAL FLOW

MONTHLY TOTAL DISCHARGE
IN CUBIC DECAMETRES

JAN	14 400	JUL	26 100
FEB	8 370	AUG	35 000
MAR	7 750	SEP	55 800
APR	48 800	OCT	78 200
MAY	114 000	NOV	86 800
JUN	50 200	DEC	30 400

TOTAL DISCHARGE, 558 000 dam³

STOKES RIVER NEAR FERNDALE - STATION NO. 02PA002

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1988

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	2.03 B	4.50 B	1.13 B	5.43	0.450	0.178	0.053	0.014	0.008	0.083	2.88	1.67	1
2	1.91 B	3.82 B	1.09 B	4.88	0.438	0.167	0.054	0.014	0.006	0.412	2.82	1.28	2
3	1.54 B	3.04 B	1.07 B	9.25	0.418	0.158	0.048	0.012	0.013	0.331	1.88	1.11 B	3
4	1.36 B	2.22 B	1.05 B	8.10	0.370	0.130	0.046	0.011	0.100	0.812	1.88	0.990	4
5	1.14 B	1.73 B	1.02 B	6.41	0.344	0.135	0.043	0.011	0.181	1.15	3.66	0.953	5
6	1.01 B	1.53 B	0.9888	5.13	0.311	0.121	0.042	0.017	0.112	1.18	3.04	0.9338	6
7	0.9928	1.36 B	0.9628	4.45	0.286	0.131	0.043	0.014	0.080	0.890	2.65	0.8988	7
8	0.8308	1.18 B	1.26 B	3.64	0.260	0.125	0.043	0.018	0.068	0.895	2.30	0.8858	8
9	0.7888	1.08 B	2.44 B	2.84	0.281	0.112	0.033	0.194	0.058	0.890	2.08	0.8428	9
10	0.7708	1.01 B	3.78 B	2.34	0.369	0.102	0.031	0.089	0.041	0.818	8.65	0.8248	10
11	0.7458	0.8808	3.38 B	1.92	0.348	0.103	0.034	0.051	0.027	0.820	7.13	0.8088	11
12	0.7268	0.8658	2.88 B	1.58	0.350	0.097	0.027	0.048	0.026	0.585	5.87	0.7988	12
13	0.7188	0.8528	2.24 B	1.35	0.578	0.088	0.023	0.045	0.028	0.497	5.45	0.7808	13
14	0.7588	1.03 B	1.81 B	1.37	0.508	0.067	0.023	0.048	0.018	0.467	4.85	0.8828	14
15	0.8248	1.32 B	1.38 B	1.18	0.463	0.077	0.024	0.040	0.008	0.428	3.77	0.8038	15
16	0.8408	1.82 B	1.18 B	0.988	0.459	0.073	0.025	0.034A	0.003	0.401	3.14	0.7828	16
17	1.23 B	2.28 B	1.04 B	0.889	0.400	0.058	0.025	0.082	0.007	0.388	2.81	0.7528	17
18	1.66 B	2.12 B	1.01 B	0.813	0.357	0.053	0.020	0.050	0.008	1.48	2.33	0.7388	18
19	2.26 B	2.04 B	0.8828	0.809	0.329	0.058	0.018	0.048	0.011	1.08	1.91	0.8488	19
20	2.71 B	1.91 B	0.8768	0.748	0.378	0.061	0.018	0.047	0.088	1.05	1.74	4.30	20
21	3.49 B	1.80 B	0.8628	0.682	0.421	0.050	0.016	0.028	0.141	1.01	1.81	8.40	21
22	2.90 B	1.71 B	0.8508	0.613	0.369	0.112	0.016	0.033	0.104	0.880	1.41	2.41	22
23	2.38 B	1.58 B	1.48 B	0.634	0.320	0.088	0.013	0.021	0.089	0.848	1.28	3.87	23
24	2.10 B	1.45 B	8.09	0.570	0.286	0.085	0.017	0.034	0.085	1.31	1.20	4.08	24
25	1.91 B	1.40 B	8.81	0.504	0.280	0.080	0.014	0.034	0.054	2.03	1.08	3.04 B	25
26	1.69 B	1.34 B	7.74	0.477	0.283	0.072	0.014	0.084	0.052	1.87	1.02	2.32 B	26
27	1.47 B	1.27 B	6.78	0.474	0.248	0.063	0.012	0.028	0.042	1.87	1.45	2.55 B	27
28	1.20 B	1.22 B	4.74	0.527	0.227	0.060	0.012	0.031	0.047	2.95	1.24	5.15 B	28
29	1.08 B	1.17 B	5.30	0.556	0.213	0.058	0.013	0.029	0.045	2.17	1.20	4.49 B	29
30	1.26 B		7.35	0.518	0.184	0.057	0.013	0.023	0.037	1.90	1.88	3.08 B	30
31	1.94 B		8.12		0.181		0.010	0.012		1.87		2.56 B	31
TOTAL	48.332	50.017	88.859	69.949	10.685	2.854	0.824	1.183	1.575	32.011	84.72	81.780	TOTAL
MEAN	1.49	1.72	2.80	2.32	0.345	0.095	0.027	0.038	0.053	1.03	2.82	1.89	MEAN
MAX	3.49	4.50	8.81	9.25	0.578	0.178	0.054	0.194	0.181	2.95	8.65	8.40	MAX
MIN	0.715	0.952	0.950	0.474	0.181	0.050	0.010	0.011	0.003	0.083	1.02	0.738	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 1.23
MAXIMUM DAILY, 9.25 ON APR 3
MINIMUM DAILY, 0.003 ON SEP 16
MAXIMUM INSTANTANEOUS,
15.1 AT 15:15 EST ON MAR 26

SUMMARY FOR THE YEAR 1988

TYPE OF GAUGE - RECORDING
LOCATION - LAT 45 02 10 N
LONG 81 20 10 W
DRAINAGE AREA, 50.5 km²
A - MANUAL GAUGE
B - ICE CONDITIONS

NATURAL FLOW

MONTHLY TOTAL DISCHARGE
IN CUBIC DECAMETRES

JAN	4 000	JUL	71.2
FEB	4 320	AUG	102
MAR	7 500	SEP	138
APR	6 020	OCT	2 770
MAY	923	NOV	7 320
JUN	247	DEC	5 340

TOTAL DISCHARGE, 38 700 dam³

STURGEON CREEK NEAR LEAMINGTON - STATION NO. 02GH001

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1988

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	0.0908	0.0918	0.0888	0.121	0.063	0.022	0.045	0.002	0.034	0.022	0.038	0.052	1
2	0.0805	0.1528	0.1028	0.116	0.058	0.085	0.045	0.021	0.030	0.037	0.038	0.046	2
3	0.0788	0.1208	0.1088	0.181	0.067	0.085	0.036	0.011	0.050	0.025	0.034	0.045	3
4	0.0708	0.0848	0.1058	0.277	0.057	0.082	0.035	0.009	0.040	0.022	0.070	0.041	4
5	0.0658	0.0798	0.1028	0.184	0.055	0.005	0.029	0.088	0.033	0.024	0.267	0.047	5
6	0.0618	0.0688	0.1288	0.178	0.058	0.012	0.026	0.173	0.034	0.024	0.252	0.048	6
7	0.0588	0.0618	0.140	0.388	0.052	0.013	0.027	0.023	0.034	0.018	0.241	0.045	7
8	0.0558	0.0558	0.171	0.218	0.054	0.022	0.024	0.014	0.029	0.013	0.183	0.038	8
9	0.0528	0.0508	0.235	0.152	0.058	0.015	0.017	0.017	0.034	0.029	0.118	0.032	9
10	0.0508	0.0478	0.188	0.130	0.058	0.017	0.024	0.022	0.039	0.024	0.231	0.0318	10
11	0.0488	0.0458	0.178	0.112	0.047	0.014	0.041	0.022	0.027	0.025	0.183	0.0288	11
12	0.0508	0.0448	0.232	0.098	0.042	0.018	0.010	0.022	0.135	0.033	0.108	0.0268	12
13	0.0528	0.0438	0.268	0.087	0.038	0.022	0.004	0.018	0.088	0.029	0.272	0.0278	13
14	0.0498	0.0428	0.195	0.085	0.034	0.018	0.002	0.020	0.047	0.024	0.203	0.0708	14
15	0.0488	0.0418	0.167	0.088	0.048	0.008	0	0.018	0.045	0.016	0.138	0.0528	15
16	0.0448	0.0438	0.130	0.082	0.045	0.018	0	0.018	0.038	0.020	0.128	0.0358	16
17	0.0978	0.0468	0.123	0.078	0.023	0.027	0.080	0.018	0.040	0.042	0.111	0.0338	17
18	0.2008	0.0508	0.154	0.085	0.018	0.031	0.022	0.050	0.038	0.360	0.081	0.0318	18
19	0.1208	0.0538	0.156	0.105	0.028	0.028	0.078	0.042	0.042	0.102	0.078	0.0288	19
20	0.1808	0.0678	0.132	0.104	0.033	0.032	0	0.024	0.050	0.067	0.227	0.0358	20
21	0.0978	0.1108	0.114	0.108	0.027	0.071	0	0.012	0.042	0.050	0.278	0.0788	21
22	0.0888	0.1538	0.103	0.089	0.026	0.071	0.001	0.024	0.082	0.059	0.173	0.0618	22
23	0.0778	0.1908	0.113	0.074	0.022	0.138	0.001	0.053	0.269	0.078	0.138	0.0758	23
24	0.0718	0.1488	0.304	0.059	0.024	0.078	0	0.045	0.059	0.104	0.110	0.1228	24
25	0.0648	0.1208	0.478	0.051	0.014	0.074	0	0.037	0.048	0.083	0.081	0.0808	25
26	0.0588	0.1108	0.383	0.053	0.008	0.087	0.010	0.034	0.041	0.053	0.080	0.0768	26
27	0.0568	0.1068	0.234	0.053	0.004	0.083	0.004	0.035	0.045	0.048	0.081	0.1608	27
28	0.0528	0.1008	0.170	0.052	0.002	0.080	0	0.085	0.041	0.047	0.086	0.488	28
29	0.0498	0.0878	0.172	0.084	0.013	0.058	0	0.033	0.043	0.038	0.083	0.253	29
30	0.0558		0.148	0.071	0.011	0.047	0.034	0.032	0.038	0.035	0.052	0.1638	30
31	0.0678		0.123		0.036		0.009	0.035		0.038		0.122	31
TOTAL	2.274	2.425	5.428	3.498	1.085	1.250	0.594	1.038	1.592	1.588	4.050	3.478	TOTAL
MEAN	0.073	0.084	0.175	0.117	0.035	0.042	0.019	0.034	0.053	0.051	0.135	0.080	MEAN
MAX	0.200	0.180	0.478	0.388	0.058	0.138	0.078	0.173	0.288	0.360	0.278	0.488	MAX
MIN	0.044	0.041	0.088	0.051	0.002	0.005	0	0.002	0.027	0.013	0.034	0.027	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 0.075
MAXIMUM DAILY, 0.478 ON MAR 25
MINIMUM DAILY, 0 ON JUL 15
MAXIMUM INSTANTANEOUS,
1.31 AT 01:52 EST ON OCT 15

SUMMARY FOR THE YEAR 1988

TYPE OF GAUGE - RECORDING
LOCATION - LAT 42 02 44 N
LONG 82 34 29 W
DRAINAGE AREA, 14.2 km²

B - ICE CONDITIONS

NATURAL FLOW

MONTHLY TOTAL DISCHARGE
IN CUBIC DECAMETRES

JAN	186	JUL	50.5
FEB	210	AUG	89.8
MAR	488	SEP	138
APR	302	OCT	137
MAY	83.7	NOV	350
JUN	108	DEC	214

TOTAL DISCHARGE, 2 360 dam³

STURGEON RIVER AT CRYSTAL FALLS - STATION NO. 02DC003

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1988

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	54.3	58.7	63.0	126	190	124	23.4	26.2	40.0	58.1	118	183	1
2	51.4	60.8	63.3	131	191	123	33.1	24.8	38.2	60.7	113	183	2
3	50.8	61.0	60.0	148	192	113	32.9	21.9	37.6	107	107	183	3
4	53.6	60.6	60.0	167	181	113	31.7	21.6	40.1	106	101	147	4
5	47.6	62.3	67.2	206	180	108	32.2	21.8	47.4	103	102	131	5
6	48.8	60.8	68.8	244	185	102	31.0	23.4	48.7	87.4	112	131	6
7	47.2	58.3	67.2	278	187	92.8	30.0	31.1	48.7	82.7	118	135	7
8	50.8	58.1	64.8	318	147	71.4	30.0	33.7	43.0	83.4	118	130	8
9	50.5	58.2	63.4	334	141	71.0	28.8	33.5	41.8	76.3	120	115	9
10	47.7	57.3	68.7	333	140	69.6	27.0	32.7	38.4	73.5	123	115	10
11	48.8	56.5	78.0	318	152	68.8	27.0	31.8	37.7	78.0	154	98.6	11
12	49.2	56.8	76.0	308	151	61.1	27.0	34.8	38.9	74.2	158	81.3	12
13	45.4	57.0	76.7	303	158	57.2	27.0	34.8	38.3	71.6	168	83.5	13
14	47.0	56.5	74.0	314	178	57.1	32.1	46.9	38.8	70.2	186	86.7	14
15	48.8	58.3	74.5	354	204	60.3	32.5	68.7	36.6	69.3	168	100	15
16	52.5	56.7	76.5	355	200	34.4	31.8	48.5	36.0	68.3	167	83.2	16
17	58.7	57.8	78.0	338	192	41.8	31.8	47.8	35.7	68.6	168	84.1	17
18	60.8	58.8	76.8	329	175	36.8	31.3	46.0	37.7	111	177	83.3	18
19	63.4	65.7	74.5	314	185	35.1	32.8	42.7	38.4	139	187	80.9	19
20	66.0	69.4	66.3	302	180	36.0	30.7	42.2	36.6	143	182	84.6	20
21	62.8	68.5	63.4	280	176	34.9	30.0	40.7	40.6	138	174	82.7	21
22	64.6	66.6	62.4	263	175	32.5	31.0	38.8	40.0	135	170	82.0	22
23	60.0	60.3	65.1	220	177	34.4	31.2	35.8	43.5	136	163	80.3	23
24	66.6	60.0	66.8	213	176	28.7	30.7	33.1	43.2	135	160	78.0	24
25	67.2	59.4	66.8	206	176	32.8	30.0	37.8	43.6	126	152	75.8	25
26	66.4	61.5	69.3	178	186	31.8	30.0	37.8	42.6	126	148	74.0	26
27	69.0	61.2	72.6	181	186	33.6	29.3	38.0	48.6	122	151	72.7	27
28	65.3	61.6	74.7	182	187	34.6	27.1	42.0	57.6	122	150	75.6	28
29	64.4	61.6	75.0	188	151	33.6	27.1	40.6	56.8	125	165	73.6	29
30	63.6		65.3	190	143	36.1	26.6	40.7	60.3	125	165	72.2	30
31	66.3		119		136		26.2	40.6		123		76.1	31
TOTAL	1 684.1	1 717.4	2 226.1	7 606	5 307	1 787.3	833.3	1 136.6	1 272.2	3 187.3	4 423	3 172.6	TOTAL
MEAN	53.7	59.2	71.8	254	171	59.6	26.8	36.4	42.4	103	147	102	MEAN
MAX	69.0	69.7	119	355	204	124	33.1	68.7	60.3	143	187	183	MAX
MIN	45.8	56.3	60.0	126	135	28.7	23.4	21.6	34.0	68.1	101	72.2	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 84.1
MAXIMUM DAILY, 355 ON APR 15
MINIMUM DAILY, 21.6 ON AUG 5

DATA CONTRIBUTED BY -
ONTARIO HYDRO

SUMMARY FOR THE YEAR 1988

TYPE OF GAUGE - POWER PLANT
LOCATION - LAT 46 27 00 N
LONG 78 51 47 W
DRAINAGE AREA, 5 660 km²

REGULATED

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	144 000	JUL	78 800
FEB	148 000	AUG	87 800
MAR	192 000	SEP	110 000
APR	657 000	OCT	275 000
MAY	458 000	NOV	382 000
JUN	154 000	DEC	274 000

TOTAL DISCHARGE, 2 870 000 dam³

STURGEON RIVER AT MCDOUGALL MILLS - STATION NO. 05QA004

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1988

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	11.8	9.82	9.72	10.6	22.4	47.4	84.7	43.3	38.3	130	77.8	58.6	1
2	11.8	9.87	9.74	10.7	23.4	46.7	84.8	42.4	38.6	128	76.8	58.6	2
3	11.8	9.84	9.74	10.7	24.6	46.6	84.4	40.7	40.8	126	75.8	57.7	3
4	11.7	9.74	9.68	10.7	25.4	47.2	83.5	40.0	41.0	126	75.1	57.2	4
5	11.7	9.70	9.77	10.8	26.7	47.8	84.1	39.1	41.1	124	73.8	56.6	5
6	11.6	9.70	9.88	10.8	27.8	48.0	83.8	39.3	41.7	122	71.7	56.3	6
7	11.5	9.71	9.88	11.0	28.3	48.4	82.8	38.8	42.3	120	70.8	55.8	7
8	11.5	9.70	10.0	11.2	28.5	48.6	81.8	38.7	42.1	116	70.0	54.8	8
9	11.4	9.62	10.1	11.2	28.5	47.8	80.5	37.5	41.2	114	68.0	54.1	9
10	11.4	9.58	10.1	11.3	30.6	47.6	79.3	38.8	42.3	111	68.0	53.3	10
11	11.4	9.84	9.83	11.5	31.8	47.8	58.7	38.3	44.5	108	68.7	52.6	11
12	11.3	9.80	9.78	11.7	32.7	47.8	57.5	35.9	46.0	105	66.3	52.4	12
13	11.1	9.85	9.70	11.8	35.0	48.4	55.0	35.4	46.3	102	65.6	52.3	13
14	11.1	9.73	9.68	11.9	37.1	48.2	52.3	36.1	47.6	101	64.5	51.8	14
15	11.1	9.87	9.83	12.3	39.3	49.9	52.2	35.7	48.6	98.4	64.7	50.8	15
16	11.2	9.85	9.80	12.8	40.8	50.7	53.1	35.6	50.4	95.4	65.4	50.8	16
17	11.3	9.85	9.90	13.2	42.2	51.1	53.4	35.4	51.5	93.3	65.4	49.8	17
18	11.2	9.87	9.78	13.6	43.6	51.9	54.0	34.1	53.3	91.2	65.4	49.6	18
19	11.1	9.84	9.86	14.1	44.8	51.4	54.3	33.6	58.7	89.1	65.2	49.6	19
20	11.0	9.49	9.81	14.7	46.2	52.3	54.4	33.4	66.6	87.3	64.6	49.2	20
21	10.8	9.57	9.88	15.3	46.7	52.4	53.7	33.0	75.8	85.2	64.4	48.9	21
22	10.6	9.78	9.85	15.8	46.8	51.7	53.0	33.0	88.4	84.3	64.1	48.6	22
23	10.3	9.78	10.0	16.6	47.6	50.7	52.2	33.1	98.1	83.7	63.4	48.7	23
24	10.3	9.68	10.1	17.2	47.4	51.6	50.8	33.3	107	83.0	62.8	48.3	24
25	10.2	9.78	10.3	17.7	48.6	58.3	48.9	33.3	113	81.7	62.0	47.8	25
26	10.2	9.78	10.3	18.3	48.9	59.0	48.1	33.5	118	80.6	61.6	47.3	26
27	10.1	9.78	10.4	18.9	48.6	61.0	48.0	34.6	124	81.1	61.1	46.9E	27
28	10.1	9.78	10.6	19.7	49.3	63.4	48.6	34.8	127	80.1	60.6	46.3E	28
29	10.1	9.63	10.7	20.5	49.1	64.0	48.2	35.6	128	79.2	60.2	46.0E	29
30	10.1		10.7	21.4	47.1	64.8	45.4	36.6	130	78.0	59.6	45.6E	30
31	9.88		10.6		47.1		44.3	37.6		79.1		45.1E	31
TOTAL	340.68	280.83	309.52	418.2	1 178.0	1 551.6	1 713.6	1 126.7	2 034.4	3 088.7	2 002.8	1 591.7	TOTAL
MEAN	11.0	9.88	9.88	13.9	38.0	51.7	55.3	36.3	67.8	99.7	66.8	51.3	MEAN
MAX	11.8	9.92	10.7	21.4	47.5	64.8	84.7	43.3	130	130	77.8	58.9	MAX
MIN	9.88	9.49	9.81	10.6	22.4	46.6	44.3	33.0	38.3	78.0	59.6	45.1	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 42.7
MAXIMUM DAILY, 130 ON SEP 30
MINIMUM DAILY, 9.49 ON FEB 20
MAXIMUM INSTANTANEOUS,
131 AT 23:00 CST ON SEP 30

SUMMARY FOR THE YEAR 1988

TYPE OF GAUGE - RECORDING
LOCATION - LAT 50 10 20 N
LONG 91 32 30 W
DRAINAGE AREA, 6 450 km²

E - ESTIMATED
NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	29 400	JUL	148 000
FEB	24 300	AUG	87 300
MAR	28 700	SEP	175 000
APR	38 100	OCT	267 000
MAY	102 000	NOV	173 000
JUN	134 000	DEC	138 000

TOTAL DISCHARGE, 1 350 000 dam³

STURGEON RIVER AT OUTLET OF SALVESEN LAKE - STATION NO. 05QE009

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1988

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	1.08	1.07	1.03	1.25	7.42	5.97	3.32	4.09	3.32	2.82	2.98	3.65	1
2	1.07	1.02	1.02	1.27	7.54	5.77	3.18	4.09	3.19	2.80	2.81	3.87	2
3	1.11	1.03	0.991	1.26	7.49	5.60	3.20	3.88	3.18	2.89	2.81	3.72	3
4	1.07	1.01	0.998	1.28	7.35	5.47	3.20	3.96	3.18	2.87	2.85	3.72	4
5	1.08	1.00	1.03	1.29	7.41	5.38	3.34	3.89	3.07	2.82	2.81	3.72	5
6	1.05	0.995	1.14	1.33	7.40	5.27	3.73	3.81	3.02	2.90	2.80	3.73	6
7	1.08	1.02	1.14	1.38	7.51	5.10	4.05	3.84	3.01	2.83	2.85	3.71	7
8	1.10	0.998	1.19	1.55	7.48	4.81	4.05	3.76	2.99	2.84	2.88	3.80	8
9	1.11	0.992	1.20	1.78	7.44	4.57	4.02	3.75	2.88	2.49	2.88	3.49	9
10	1.14	0.987	1.21	2.09	7.30	4.48	3.81	3.70	2.90	2.45	2.70	3.41	10
11	1.14	0.983	1.14	2.48	7.33	4.43	3.85	3.89	3.05	2.40	2.70	3.38	11
12	1.14	0.988	1.09	2.98	7.36	4.38	3.81	3.74	3.26	2.35	2.71	3.58	12
13	1.11	0.984	1.06	3.57	7.33	4.30	3.89	3.82	3.24	2.38	2.78	3.72	13
14	1.10	1.05	1.05	4.11	7.36	4.26	3.90	3.80	3.19	2.37	2.78	3.84	14
15	1.18	1.03	1.07	4.80	7.32	4.31	3.95	3.87	3.07	2.39	3.01	3.44	15
16	1.21	1.04	1.08	5.10	7.15	4.32	3.92	3.85	3.08	2.45	3.38	3.51	16
17	1.23	1.04	1.08	5.60	7.18	4.19	3.88	3.48	3.00	2.40	3.47	3.55	17
18	1.19	1.08	1.07	5.85	7.18	4.14	3.85	3.41	2.98	2.78	3.48	3.58	18
19	1.21	1.08	1.05	6.14	7.10	4.02	3.88	3.41	2.98	2.37	3.50	3.85	19
20	1.19	1.02	1.02	6.20	7.08	3.97	3.88	3.41	2.90	2.38	3.50	3.83	20
21	1.17	1.02	1.03	6.28	7.00	3.88	3.84	3.33	2.86	2.36	3.48	3.56	21
22	1.18	1.05	1.07	6.34	7.00	3.75	3.84	3.26	2.82	2.39	3.48	3.57	22
23	1.13	1.03	1.09	6.43	6.97	3.82	3.82	3.29	2.78	2.43	3.56	3.57	23
24	1.14	1.01	1.13	6.58	6.77	3.56	3.77	3.44	2.82	2.37	3.58	3.61	24
25	1.12	1.01	1.27	6.68	6.84	3.56	3.78	3.42	2.74	2.38	3.57	3.78	25
26	1.10	1.03	1.28	6.78	6.45	3.55	3.77	3.40	2.78	2.35	3.57	3.84	26
27	1.08	1.03	1.25	6.80	6.38	3.53	3.83	3.42	2.71	2.44	3.63	3.78	27
28	1.08	1.08	1.28	7.04	6.37	3.47	3.86	3.32	2.69	2.48	3.54	3.80	28
29	1.12	1.04	1.27	7.23	6.28	3.38	4.07	3.30	2.65	2.48	3.55	3.67	29
30	1.12		1.24	7.33	6.22	3.28	4.08	3.24	2.66	2.48	3.57	3.68	30
31	1.11		1.22		6.09		4.08	3.28		2.54		3.68	31
TOTAL	34.92	29.885	34.789	126.84	218.71	130.33	117.43	111.19	89.02	75.87	93.47	112.91	TOTAL
MEAN	1.13	1.02	1.12	4.29	7.05	4.34	3.78	3.58	2.97	2.45	3.12	3.64	MEAN
MAX	1.23	1.07	1.28	7.33	7.54	5.97	4.08	4.09	3.32	2.82	3.87	3.87	MAX
MIN	1.05	0.983	0.991	1.25	6.09	3.28	3.18	3.24	2.66	2.35	2.58	3.38	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 3.22
MAXIMUM DAILY, 7.54 ON MAY 2
MINIMUM DAILY, 0.983 ON FEB 11
MAXIMUM INSTANTANEOUS,
7.86 AT 14:14 CST ON MAY 2

SUMMARY FOR THE YEAR 1988

TYPE OF GAUGE - RECORDING
LOCATION - LAT 50 21 20 N
LONG 84 27 30 W
DRAINAGE AREA, 1 530 km²

NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	3 020	JUL	10 100
FEB	2 580	AUG	9 610
MAR	3 010	SEP	7 680
APR	11 100	OCT	8 550
MAY	18 900	NOV	8 060
JUN	11 300	DEC	9 760

TOTAL DISCHARGE, 102 000 dam³

STURGEON RIVER AT STURGEON BAY - STATION NO. 02ED018

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1988

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	---	---	---	---	---	---	0.630	0.606	0.657	0.888	1.17	1.12	1
2	---	---	---	---	---	---	0.629	0.626	0.626	0.909	1.50	1.10	2
3	---	---	---	---	---	---	0.612	0.606	0.615	1.02	1.27	1.08	3
4	---	---	---	---	---	---	0.591	0.597	0.623	0.873	1.18	1.04	4
5	---	---	---	---	---	---	0.587	0.606	2.48	0.901	1.28	1.01	5
6	---	---	---	---	---	---	0.584	0.589	1.88	0.888	2.08	1.01	6
7	---	---	---	---	---	---	0.584	0.594	1.20	0.929	1.88	1.02	7
8	---	---	---	---	---	---	0.614	0.578	0.824	0.881	1.48	1.03	8
9	---	---	---	---	---	---	0.575	0.671	0.818	0.842	1.59	1.02	9
10	---	---	---	---	---	---	0.550	0.788	0.780	0.843	2.24	1.00 B	10
11	---	---	---	---	---	---	0.851	0.597	0.668	1.10	2.61	0.9808	11
12	---	---	---	---	---	---	0.713	0.674	0.677	1.28	2.50	0.9808	12
13	---	---	---	---	---	---	0.628	0.638	0.688	1.08	2.34	0.9808	13
14	---	---	---	---	---	---	0.648	0.631	0.701	0.988	2.10	1.02 B	14
15	---	---	---	---	---	---	0.634	0.626	0.700	0.941	1.88	1.03 B	15
16	---	---	---	---	---	---	0.632	0.628	0.683	0.905	1.60	1.02 B	16
17	---	---	---	---	---	---	0.613	0.748	0.748	0.942	1.28	0.984	17
18	---	---	---	---	---	---	0.611	0.734	0.784	1.17	1.18	0.9848	18
19	---	---	---	---	---	---	0.588	0.671	0.786	1.08	1.10	0.950	19
20	---	---	---	---	---	0.808A	0.695	0.633	0.782	1.08	1.11	1.00	20
21	---	---	---	---	---	0.802	0.673	0.810	0.826	0.887	1.38	1.50 B	21
22	---	---	---	---	---	0.700E	0.606	0.693	0.834	1.03	1.31	1.41 B	22
23	---	---	---	---	---	0.800A	0.646	0.693	0.886	1.01	1.20	1.21	23
24	---	---	---	---	---	0.722	0.788	0.655	0.974	1.08	1.12	1.17	24
25	---	---	---	---	---	0.765	0.727	0.831	0.883	1.31	1.09	1.18	25
26	---	---	---	---	---	0.736	0.709	1.06	0.781	1.83	1.09	1.08 B	26
27	---	---	---	---	---	0.671	0.731	0.674	0.744	1.78	1.07	1.06 B	27
28	---	---	---	---	---	0.688	0.675	0.619	0.786	1.43	1.08	1.66	28
29	---	---	---	---	---	0.688	0.827	0.766	0.723	1.27	1.09	1.46	29
30	---		---	---	---	0.643	0.821	0.747	0.882	1.24	1.09	1.31 B	30
31	---		---		---		0.634	0.707		1.15		1.20 B	31
TOTAL	---	---	---	---	---	---	20.025	21.282	28.204	33.487	44.38	34.408	TOTAL
MEAN	---	---	---	---	---	---	0.648	0.687	0.873	1.08	1.48	1.11	MEAN
MAX	---	---	---	---	---	---	0.851	1.06	2.48	1.83	2.61	1.58	MAX
MIN	---	---	---	---	---	---	0.550	0.578	0.618	0.888	1.08	0.950	MIN

SUMMARY FOR THE YEAR 1988

TYPE OF GAUGE - RECORDING
LOCATION - LAT 44 43 49 N
LONG 79 43 11 W
DRAINAGE AREA, 103 km²
A - MANUAL GAUGE
B - ICE CONDITIONS
E - ESTIMATED
NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	---	JUL	1 730
FEB	---	AUG	1 840
MAR	---	SEP	2 280
APR	---	OCT	2 880
MAY	---	NOV	3 830
JUN	---	DEC	2 870

REMARKS - STATION ACTIVATED JUN 1988

STURGEON RIVER AT UPPER GOOSE FALLS - STATION NO. 02DC012

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1988

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	7.48	5.78	4.73	8.48	82.1	30.6	8.50E	3.10	8.78	8.80	33.8	41.0E	1
2	7.20	5.64	4.85	9.82	85.4	27.4	8.03E	2.89	9.04	11.5	32.3	38.7E	2
3	7.51	5.52	4.72	11.8	87.9	25.1	7.50E	2.95	8.38	12.8	30.1	36.0E	3
4	7.43	5.45	4.73	16.6	88.9	24.4	7.02A	3.02	7.80	13.0	28.0	34.8E	4
5	8.52	5.19	4.44	26.2	87.1	22.4 E	6.08	4.80	6.90	13.4	28.1	32.5E	5
6	9.12	5.18	4.78	41.7	84.0	20.8 E	5.73	5.51	8.37	13.4	33.5	30.0E	6
7	8.10	4.85	4.73	84.8	79.6	18.8 E	5.35	5.08	8.21	12.7	40.7	28.0E	7
8	8.15	5.08	4.37	90.5	74.2	17.4 E	5.09	4.86	8.85	11.7	45.4	27.3E	8
9	8.12	5.14	4.14	104	68.0	16.2 E	4.80	8.12	8.54	11.0	46.8	26.3E	9
10	8.03	5.08	4.48	108	86.3	5.00E	4.84	7.19	8.43	10.2	46.0	25.3E	10
11	8.04	5.07	4.35	108	88.8	14.3 E	4.87	8.82	4.85	10.1	49.3	24.3E	11
12	8.22	5.09	4.21	108	84.0	12.4 E	4.53	8.81	4.81	9.83	48.8	23.3E	12
13	8.45	4.87	4.17	104	88.4	11.3 E	4.41	7.41	4.88	8.80	48.0	22.4E	13
14	8.45	5.08	4.23	108	88.0	10.3 E	4.58	10.9	4.82	8.70	43.2	21.8E	14
15	8.58	5.32	4.26	116	88.3	9.70E	4.34	13.5	4.82	10.4	42.0A	21.0E	15
16	8.84	5.23	4.28	116	84.7	9.10E	4.39	13.2	4.45	9.84	42.0E	20.2E	16
17	8.88	5.40	4.25	111	82.4	8.42E	4.42	12.1	4.21	10.3	45.0E	19.4E	17
18	8.77	5.36	4.25	110	81.2	8.17E	4.27	12.2	4.35	12.8	80.0E	18.7E	18
19	8.88	5.57	4.10	102	87.3	7.87E	4.38	11.1	4.40	15.9	48.4E	18.4E	19
20	8.85	5.28	3.89	90.8	84.5	7.60E	4.24	10.2	4.98	16.9	46.0E	18.3E	20
21	8.88	5.04	3.40	81.3	81.8	7.28E	4.20	9.51	5.85	22.1	43.2E	19.4E	21
22	8.48	5.11	3.78	74.8	80.3	7.28E	3.88	8.87	6.80	28.7	41.0E	20.0E	22
23	8.85	5.18	3.89	88.8	80.3	7.40E	3.88	7.71	6.30	28.1	38.4E	19.8E	23
24	8.88	4.93	3.95	82.7	48.7	7.28E	3.87	7.74	5.93	26.8	36.8E	18.8E	24
25	8.81	4.98	4.14	81.1	47.3	7.28E	3.88	7.28	6.13	27.8	34.8E	18.0E	25
26	8.42	4.90	4.81	82.9	44.2	7.82E	3.87	7.43	5.98	28.7	32.8E	17.0E	26
27	8.34	4.88	4.85	87.4	41.7	8.00E	3.48	8.28	7.07	28.2	34.0E	16.2E	27
28	8.50	4.82	4.83	71.5	39.1	7.80E	3.41	8.75	8.34	28.8	38.5E	15.3E	28
29	8.29	4.84	5.08	77.4	37.0	7.60E	3.47	8.12	8.19	32.1	42.7E	14.6E	29
30	8.52		8.04	78.3	35.2	7.55E	3.61	10.4	8.03	34.1	42.3E	14.1E	30
31	8.58		7.58		33.4		3.28	10.4		36.4		13.3E	31
TOTAL	185.02	150.00	140.88	2 261.61	1 914.3	382.77	147.37	244.88	184.41	548.87	1 212.1	714.4	TOTAL
MEAN	8.87	5.17	4.64	78.4	81.8	12.8	4.75	7.80	5.15	17.8	40.4	23.0	MEAN
MAX	7.51	5.78	7.58	116	88.8	30.6	8.50	13.5	8.78	34.4	80.0	41.0	MAX
MIN	8.28	4.82	3.78	8.48	33.4	5.00	3.28	2.85	4.21	8.80	28.0	13.3	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 22.1
MAXIMUM DAILY, 116 ON APR 15
MINIMUM DAILY, 2.85 ON AUG 3
MAXIMUM INSTANTANEOUS,
120 AT 16:05 EST ON APR 15

SUMMARY FOR THE YEAR 1988

TYPE OF GAUGE - RECORDING
LOCATION - LAT 46 58 13 N
LONG 80 27 27 W
DRAINAGE AREA, 1 200 km²
A - MANUAL GAUGE

E - ESTIMATED
NATURAL FLOW

MONTHLY TOTAL DISCHARGE
IN CUBIC DECAMETRES

JAN	16 000	JUL	12 700
FEB	13 000	AUG	21 200
MAR	12 200	SEP	15 800
APR	185 000	OCT	47 200
MAY	165 000	NOV	105 000
JUN	33 100	DEC	61 700

TOTAL DISCHARGE, 698 000 dam³

STURGEON RIVER NEAR GLEN AFTON - STATION NO. 02DC004

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1988

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	23.28	17.08	14.78	27.88	144	72.1	25.1	12.3	16.8	33.1	82.8	70.8	1
2	22.98	17.08	14.78	44.7	145	68.2	24.4	11.6	18.1	38.1	81.6	67.8	2
3	22.58	17.08	14.68	61.5	145	64.7	23.6	11.3	17.4	42.6	80.3	65.4	3
4	22.28	17.08	14.58	68.7	145	61.6	22.2	10.6	17.2	44.6	48.2	62.3	4
5	22.08	16.88	14.48	98.6	144	59.8	21.1	10.2	15.8	44.7	50.8	59.3	5
6	21.88	16.78	14.28	115	141	57.0	20.2	11.0	15.3	44.1	55.6	55.78	6
7	21.58	16.68	14.18	139	136	54.3	19.4	12.4	15.2	42.0	62.6	53.28	7
8	21.28	16.48	14.18	164	130	52.2	18.6	12.7	15.2	40.1	68.4	50.58	8
9	20.98	16.38	14.08	177	123	48.8	17.6	12.6	15.2	38.3	73.6	48.58	9
10	20.68	16.28	13.88	167	122	46.1	17.1	13.1	15.6	36.7	76.8	46.88	10
11	20.48	16.18	13.78	152	122	42.7	17.5	14.0	15.5	35.4	78.7	44.88	11
12	20.18	16.08	13.68	193	121	38.3	17.0	14.1	15.2	34.1	78.4	42.68	12
13	19.98	15.88	13.58	194	124	34.7	16.9	14.2	15.3	33.1	76.2	41.08	13
14	19.78	15.68	13.48	201	125	32.3	16.8	17.4	15.4	31.5	75.8	39.48	14
15	19.58	15.58	13.38	215	123	30.4	16.9	20.6	14.8	30.9	73.6	37.78	15
16	19.38	15.48	13.28	213	121	28.2	15.8	23.7	14.5	30.3	73.1	36.08	16
17	19.18	15.38	13.28	208	118	26.8	15.0	24.3	14.2	29.4	77.3	34.68	17
18	18.98	15.38	13.38	206	113	24.9	15.6	23.3	14.2	36.0	82.0	33.38	18
19	18.88	15.28	13.38	200	108	23.8	15.4	22.1	14.8	40.8	83.4	33.18	19
20	18.68	15.28	13.48	190	103	22.7	14.9	20.6	16.1	43.8	83.4	33.08	20
21	18.38	15.18	13.48	178	101	21.8	14.9	18.1	19.8	45.8	81.3	33.78	21
22	18.18	15.18	13.48	186	103	21.5	15.3	17.7	21.3	47.7	77.3	34.58	22
23	17.98	15.18	13.58	163	101	22.2	15.0	16.4	22.2	48.7	72.8	35.08	23
24	17.78	15.18	13.68	146	98.9	21.4	14.8	16.4	22.2	48.7	68.8	34.28	24
25	17.58	15.08	13.88	140	97.7	21.5	14.9	16.3	23.2	48.3	64.8	33.58	25
26	17.38	14.88	14.28	135	94.3	23.5	14.8	15.3	24.8	48.2	61.8	32.88	26
27	17.18	14.68	14.68	134	90.4	24.3	14.4	15.7	27.0	48.8	62.7	32.28	27
28	17.08	14.68	15.68	136	86.2	23.7	13.9	17.1	30.8	49.4	68.3	31.58	28
29	16.88	14.78	15.88	140	81.8	23.4	13.4	17.4	32.9	52.0	71.3	30.68	29
30	16.88		17.08	143	78.2	24.4	12.9	17.6	33.9	54.8	72.0	30.28	30
31	16.68		21.68		75.7		12.5	18.5		54.5		29.88	31
TOTAL	804.4	457.0	446.4	4 554.3	3 590.2	1 117.9	527.7	497.9	573.1	1 298.1	2 078.7	1 313.6	TOTAL
MEAN	19.5	15.8	14.3	152	115	37.3	17.0	16.1	19.1	41.9	68.3	42.4	MEAN
MAX	23.2	17.0	21.6	215	145	72.1	25.1	24.3	32.9	54.8	83.4	70.8	MAX
MIN	16.6	14.7	13.2	27.8	75.7	21.4	12.5	10.2	14.2	29.4	48.2	29.8	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 46.5
MAXIMUM DAILY, 215 ON APR 15
MINIMUM DAILY, 10.2 ON AUG 6
MAXIMUM INSTANTANEOUS,
217 AT 18:30 EST ON APR 15

SUMMARY FOR THE YEAR 1988

TYPE OF GAUGE - RECORDING
LOCATION - LAT 46 38 12 N
LONG 80 15 53 W
DRAINAGE AREA, 2 980 km²

B - ICE CONDITIONS

REGULATED

MONTHLY TOTAL DISCHARGE
IN CUBIC DECAMETRES

JAN	52 200	JUL	45 500
FEB	38 500	AUG	43 000
MAR	38 400	SEP	49 500
APR	383 000	OCT	112 000
MAY	308 000	NOV	180 000
JUN	95 600	DEC	113 000

TOTAL DISCHARGE, 1 470 000 dam³

SYDENHAM RIVER AT FLORENCE - STATION NO. 02EG003

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1988

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	5.608	8.608	5.608	11.8	3.44	1.88	0.423	0.777	0.530	0.540	2.78	5.17	1
2	5.188	13.0 B	5.408	9.88	3.22	1.72	0.428	0.603	0.805	0.844	2.54	4.85	2
3	4.708	10.0 B	5.608	9.51	3.12	1.88	0.478	0.778	0.534	0.831	2.38	4.44	3
4	4.358	7.508	7.358	17.3	2.89	1.69	0.478	0.787	0.603	0.822	2.34	4.07	4
5	3.958	6.908	8.508	20.4	2.89	1.56	0.473	1.03	1.31	0.692	3.00	3.80	5
6	3.708	5.108	7.008	18.1	2.80	1.57	0.484	1.18	1.10	1.43	8.01	3.70	6
7	3.458	4.708	11.0 B	19.8	2.70	1.45	0.445	1.00	0.878	1.86	12.3	3.97	7
8	3.238	4.408	14.0 B	20.8	2.59	1.34	0.426	0.793	1.14	1.77	11.8	3.85	8
9	2.888	4.608	20.0 B	15.9	2.59	1.26	0.414	0.752	1.84	1.69	11.3	3.48	9
10	2.708	4.358	28.0 B	11.8	2.82	1.27	0.407	0.888	1.30	1.38	13.8	3.508	10
11	2.928	4.208	23.8	9.54	2.92	1.20	0.424	0.858	1.00	1.48	18.5	3.328	11
12	3.388	4.088	20.2	7.85	3.04	1.18	0.417	1.01	0.825	1.48	18.4	3.288	12
13	3.208	4.008	26.1	6.78	2.98	1.08	0.412	1.03	0.785	1.36	21.0	3.188	13
14	2.888	3.908	23.0	6.12	2.83	1.02	0.406	0.748	0.721	1.84	28.4	3.058	14
15	2.628	4.258	16.8	5.84	2.70	1.01	0.404	0.637	0.826	1.94	33.4	2.868	15
16	1.888	5.088	14.3	5.60	4.10	0.986	0.388	0.593	0.615	2.94	19.8	3.888	16
17	2.188	5.908	12.1	5.32	5.06	0.926	0.648	0.891	0.573	4.00	18.0	2.608	17
18	3.008	8.058	11.8	5.38	5.61	0.858	3.88	1.18	0.557	5.22	14.3	2.788	18
19	4.708	8.208	12.7	5.33	5.34	0.826	14.8	0.899	0.548	7.15	11.3	2.888	19
20	7.268	8.008	12.8	5.18	5.34	0.887	5.83	0.765	0.572	8.82	9.97	2.868	20
21	8.508	8.908	11.1	5.08	4.56	0.815	3.00	0.894	0.810	7.38	26.2	2.808	21
22	8.858	10.1 B	9.57	4.98	4.35	0.813	1.88	0.875	0.827	6.78	29.4	3.158	22
23	4.758	20.0 B	8.02	4.81	4.19	0.780	1.38	0.623	0.821	7.34	19.4	3.708	23
24	4.308	28.5 B	14.2	4.68	3.84	0.724	1.04	0.585	0.900	7.27	14.8	5.008	24
25	3.858	25.0 B	35.3	4.38	3.88	0.678	0.888	0.808	0.734	8.80	15.0	7.208	25
26	3.558	12.1 B	48.8	4.18	3.80	0.884	0.814	0.591	0.755	8.33	13.5	8.408	26
27	3.308	8.208	41.4	3.88	3.30	0.828	0.784	0.802	0.701	8.84	11.0	8.008	27
28	3.078	6.408	27.0	4.00	2.13	0.495	0.828	0.810	0.884	5.28	8.52	23.4	28
29	2.728	6.008	21.8	4.00	1.98	0.444	0.747	0.584	0.803	4.52	6.76	31.9	29
30	3.458		18.5	3.88	1.86	0.427	0.687	0.584	0.645	3.80	5.76	34.6	30
31	5.208		14.8		1.77		0.718	0.581		3.18		15.8	31
TOTAL	116.38	245.38	531.84	289.73	102.24	31.778	44.708	24.301	23.326	113.389	415.89	205.48	TOTAL
MEAN	3.75	8.48	17.2	9.68	3.30	1.06	1.44	0.784	0.774	3.63	13.8	6.63	MEAN
MAX	7.26	28.5	48.8	20.8	6.34	1.72	14.8	1.18	1.84	8.82	36.4	31.9	MAX
MIN	1.68	3.90	5.60	3.88	1.77	0.427	0.388	0.581	0.505	0.540	2.34	2.68	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 6.77
MAXIMUM DAILY, 48.8 ON MAR 26
MINIMUM DAILY, 0.388 ON JUL 16
MAXIMUM INSTANTANEOUS,
50.9 AT 17:47 EST ON MAR 26

SUMMARY FOR THE YEAR 1988

TYPE OF GAUGE - RECORDING
LOCATION - LAT 42 38 00 N
LONG 83 00 32 W
DRAINAGE AREA, 1 180 km²

B - ICE CONDITIONS
E - ESTIMATED
NATURAL FLOW

MONTHLY TOTAL DISCHARGE
IN CUBIC DECAMETRES

JAN	10 000	JUL	3 880
FEB	21 200	AUG	2 100
MAR	48 000	SEP	2 010
APR	22 400	OCT	9 710
MAY	8 830	NOV	35 900
JUN	2 750	DEC	17 800

TOTAL DISCHARGE, 183 000 dam³

SYDENHAM RIVER AT STRATHROY - STATION NO. 02EG005

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1988

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	1.40	2.70	1.31	1.98	0.978	0.588	0.288E	0.531	0.418	0.352	1.07	1.68	1
2	1.15 B	2.97	1.27	1.91	0.870	0.636	0.288E	0.839	0.408	0.459	1.01	1.47	2
3	1.08 B	3.18	1.81	1.86	0.858	0.837	0.283E	0.844	0.438	0.447	0.988	1.40	3
4	0.8608	1.80 B	1.98	3.33	0.848	0.836	0.287E	0.678	0.883	0.448	0.948	1.78	4
5	0.8108	1.25 B	1.88	4.10	0.814	0.588	0.278E	0.644	0.788	0.487	1.28	1.98	5
6	0.8808	1.13 B	1.78	2.88	0.807	0.804	0.270E	0.522	1.42	0.483	2.85	1.85	6
7	0.8458	1.03 B	2.26	2.46	0.787	0.675	0.268E	0.518	1.08	0.434	3.71	1.84	7
8	0.8158	0.973	2.03	2.31	0.898	0.838	0.263E	0.628	0.788	0.444	3.04	1.48	8
9	0.7908	0.878	4.53	2.04	0.758	0.821	0.267E	0.514	0.838	0.448	2.69	1.28	9
10	0.7808	0.847	4.88	1.77	0.807	0.840	0.268E	0.481	0.843	0.487	3.38	1.18	10
11	0.7408	0.821	3.41	1.80	1.03	0.849	0.270E	0.418	0.488	0.851	4.21	1.01	11
12	0.7258	0.881	2.84	1.61	0.982	0.823	0.267	0.390	0.432	0.898	3.98	0.987	12
13	0.7308	0.836	2.60	1.37	0.888	0.4858	0.248	0.398	0.423	1.27	8.22	0.918	13
14	0.7188	0.813	2.51	1.32	0.810	0.5028	0.263	0.382	0.388	2.47	7.61	0.921	14
15	0.707	0.841	2.26	1.30	0.844	0.4858	0.271	0.823	0.389	4.35	4.90	0.917	15
16	0.892	0.889	2.08	1.33	1.84	0.4708	0.535	0.494	0.358	4.88	6.10	0.877	15
17	0.775	1.17	1.87	1.32	2.54	0.4638	2.85	0.488	0.343	3.22	3.98	0.884	17
18	1.88	1.18	1.81	1.30	1.98	0.4438	2.08	0.466	0.344	4.02	2.24	0.827	18
19	2.15	1.21	1.83	1.38	1.44	0.4288	1.04	0.412	0.383	4.84	1.93	0.818	19
20	1.87	1.81	1.85	1.34	1.34	0.4228	0.882	0.378	0.384	5.37	1.91	0.838	20
21	1.87	1.78	1.72	1.28	1.20	0.4088	0.880	0.358	0.388	3.84	8.07	1.04	21
22	1.22 B	1.83	1.88	1.26	1.08	0.3858	0.484	0.384	0.387	3.88	8.88	1.88	22
23	1.03 B	3.80 B	1.58	1.17	1.08	0.3788	0.487	0.378	0.470	2.48	10.0	2.07	23
24	0.883	4.74	3.31	1.18	0.927	0.3858	0.810	0.432	0.408	2.37	8.28	2.87	24
25	0.892	4.49	8.08	1.13	0.889	0.3878	0.634	0.443	0.383	2.37	3.88	3.15	25
26	0.8308	2.48	8.00	1.11	0.788	0.3888	0.522	0.488	0.370	2.38	3.34	2.38	26
27	0.809	3.01	6.86	1.08	0.737	0.3898	0.448	0.428	0.384	2.18	3.12	2.12	27
28	0.783	1.47	5.90	0.788	0.894	0.3818	0.521	0.418	0.387	1.81	3.03	5.80	28
29	0.764	1.38	3.25	0.881	0.872	0.3928	0.748	0.422	0.348	1.81	1.88	8.41	29
30	0.820		2.64	0.807	0.881	0.3878	0.672	0.431	0.347	1.31	1.88	8.48	30
31	1.88 B		1.88		0.848		0.583	0.408		1.18		3.88	31
TOTAL	31.848	50.017	82.38	48.887	31.026	13.918	17.308	14.703	14.884	80.088	111.110	61.848	TOTAL
MEAN	1.02	1.73	2.88	1.63	1.00	0.484	0.558	0.474	0.495	1.84	3.70	2.00	MEAN
MAX	2.15	4.74	8.88	4.10	2.58	0.837	2.85	0.844	1.42	5.37	10.0	8.48	MAX
MIN	0.883	0.813	1.27	0.881	0.848	0.381	0.248	0.354	0.343	0.352	0.948	0.818	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 1.80
MAXIMUM DAILY, 10.0 ON NOV 23
MINIMUM DAILY, 0.248 ON JUL 13
MAXIMUM INSTANTANEOUS,
12.3 AT 00:33 EST ON NOV 23

SUMMARY FOR THE YEAR 1988

TYPE OF GAUGE - RECORDING
LOCATION - LAT 42 57 35 N
LONG 81 37 43 W
DRAINAGE AREA, 172 km²

B - ICE CONDITIONS
E - ESTIMATED
NATURAL FLOW

MONTHLY TOTAL DISCHARGE
IN CUBIC DECAMETRES

JAN	3 730	JUL	1 800
FEB	4 320	AUG	1 270
MAR	7 940	SEP	1 240
APR	4 220	OCT	5 190
MAY	2 880	NOV	9 800
JUN	1 200	DEC	5 340

TOTAL DISCHARGE, 47 300 dam³

SYDENHAM RIVER AT WALLACEBURG - STATION NO. 02GG008

DAILY WATER LEVEL IN METRES FOR 1988

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	5.406	5.313	5.332	5.346	5.364	5.344	5.292	5.293	5.188	5.156	5.071	5.096	1
2	5.385	5.350	5.323	5.335	5.365	5.337	5.306	5.276	5.205	5.138	5.085	5.203	2
3	5.365	5.365	5.326	5.358	5.364	5.335	5.302	5.261	5.196	5.130	5.047	5.138	3
4	5.420	5.362	5.338	5.404	5.367	5.363	5.295	5.265	5.208	5.140	5.043	5.114	4
5	5.421	5.376	5.337	5.371	5.357	5.368	5.295	5.301	5.222	5.130	5.117	5.114	5
6	5.402	5.389	5.310	5.381	5.384	5.380	5.292	5.302	5.218	5.115	5.239	5.131	6
7	5.405	5.341	5.310	5.328	5.383	5.350	5.288	5.278	5.212	5.118	5.082	5.080	7
8	5.529	5.373	5.316	5.376	5.382	5.322	5.283	5.264	5.207	5.108	5.069	5.090	8
9	5.528	5.385	5.358	5.389	5.408	5.305	5.283	5.269	5.199	5.098	5.065	5.113	9
10	5.541	5.366	5.381	5.384	5.391	5.330	5.300	5.277	5.178	5.196	5.178	5.072	10
11	5.532	5.381	5.381	5.383	5.382	5.344	5.302	5.285	5.157	5.116	5.123	5.074	11
12	5.512	5.416	5.349	5.377	5.382	5.336	5.277	5.268	5.186	5.106	5.113	5.085	12
13	5.512	5.414	5.421	5.392	5.385	5.333	5.283	5.267	5.174	5.094	5.206	5.093	13
14	5.491	5.385	5.356	5.402	5.386	5.338	5.299	5.317	5.185	5.120	5.184	5.080	14
15	5.480	5.389	5.336	5.388	5.384	5.341	5.278	5.303	5.149	5.080	5.137	5.094	15
16	5.400	5.377	5.332	5.382	5.377	5.285	5.284	5.276	5.138	5.083	5.287	5.104	16
17	5.393	5.387	5.321	5.442	5.384	5.310	5.320	5.272	5.170	5.091	5.284	5.081	17
18	5.395	5.379	5.327	5.396	5.356	5.320	5.322	5.285	5.149	5.138	5.088	5.083	18
19	5.358	5.388	5.331	5.405	5.382	5.338	5.321	5.294	5.148	5.102	5.088	5.074	19
20	5.378	5.413	5.306	5.453	5.389	5.331	5.327	5.259	5.249	5.088	5.106	5.079	20
21	5.386	5.395	5.288	5.378	5.388	5.312	5.325	5.238	5.131	5.115	5.178	5.062	21
22	5.348	5.384	5.277	5.358	5.382	5.331	5.307	5.226	5.133	5.111	5.187	5.029	22
23	5.348	5.419	5.316	5.402	5.386	5.283	5.289	5.232	5.167	5.135	5.158	5.122	23
24	5.354	5.413	5.273	5.401	5.342	5.315	5.302	5.252	5.149	5.256	5.150	5.045	24
25	5.329	5.391	5.324	5.380	5.381	5.347	5.304	5.275	5.149	5.133	5.126	5.101	25
26	5.356	5.381	5.395	5.370	5.384	5.304	5.288	5.238	5.155	5.093	5.139	5.052	26
27	5.330	5.395	5.411	5.424	5.387	5.313	5.282	5.214	5.188	5.070	5.227	5.072	27
28	5.353	5.350	5.349	5.389	5.388	5.323	5.282	5.218	5.108	5.187	5.188	5.187	28
29	5.372	5.339	5.345	5.379	5.382	5.298	5.282	5.206	5.115	5.083	5.123	5.144	29
30	5.351		5.404	5.388	5.359	5.284	5.305	5.204	5.124	5.048	5.185	5.135	30
31	5.306		5.344		5.358		5.277	5.205		5.083		5.106	31
MEAN	5.414	5.376	5.338	5.383	5.371	5.327	5.297	5.264	5.170	5.116	5.138	5.098	MEAN
MAX	5.541	5.419	5.421	5.453	5.408	5.388	5.327	5.317	5.249	5.256	5.287	5.203	MAX
MIN	5.306	5.313	5.273	5.328	5.342	5.283	5.277	5.204	5.108	5.048	5.043	5.029	MIN

SUMMARY FOR THE YEAR 1988

WATER LEVELS IN METRES

MEAN, 5.274
MAXIMUM DAILY, 5.541 ON JAN 10
MINIMUM DAILY, 5.029 ON DEC 22
MAXIMUM INSTANTANEOUS,
5.624 AT 08:27 EST ON MAR 30

TYPE OF GAUGE - RECORDING
LOCATION - LAT 42 35 34 N
LONG 82 23 05 W

NATURAL FLOW

DRAINAGE AREA,
2 980 km²

WATER LEVELS ARE REFERRED TO ASSUMED DATUM
APPLY 170.000 m ADJUSTMENT TO CONVERT TO GEODETIC SURVEY OF CANADA DATUM

REMARKS - DRAINAGE AREA DOES NOT ACCOUNT FOR RUNNING CREEK (NATURAL DIVERSION)

SYDENHAM RIVER NEAR ALVINSTON - STATION NO. 02GG002

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1988

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	3.508	5.608	3.358	6.80	2.37	1.20	0.803	0.788	E.529	0.627	2.37	3.68	1
2	3.158	7.208	3.258	5.65	2.31	1.23	0.801	0.748	E.514	0.671	2.24	3.50	2
3	2.858	5.708	4.008	7.01	2.35	1.30	0.803	0.850	E.490	0.702	2.19	3.31	3
4	2.858	4.308	4.408	14.5	2.21	1.25	0.488	1.08	E.483	0.787	2.11	3.11	4
5	2.408	3.708	3.809	12.3	2.14	1.22	0.479	1.08	E.489	0.971	2.72	3.08	5
6	2.258	3.058	4.408	10.2	2.07	1.17	0.471	0.938	0.980	1.18	8.32	3.32	6
7	2.108	2.808	6.808	11.9	2.04	1.08	0.462	0.822	1.25	1.78	6.98	3.31	7
8	2.008	2.708	7.708	11.9	1.98	0.983	0.447	0.748	1.44	1.58	7.78	3.08	8
9	1.808	2.808	13.7 E	8.42	1.85	0.958	0.438	0.734	1.10	1.30	8.30	2.908	9
10	1.658	2.828	15.2 E	6.43	2.10	0.970	0.441	0.785	0.882	1.03	8.57	2.408	10
11	1.658	2.658	12.6	5.32	2.35	0.889	0.446	1.31	0.783	1.04	13.3	2.208	11
12	1.488	2.478	11.9	4.39	2.23	0.900	E.440	0.901	0.682	1.84	9.38	2.058	12
13	1.358	2.428	14.7	3.65	2.06	0.885	0.454	0.673	0.662	1.67	17.6	1.988	13
14	1.308	2.388	11.3	3.58	1.92	0.838	E.441	0.630	0.630	2.34	30.3	1.678	14
15	1.258	2.858	8.58	3.80	1.83	0.835	E.417	0.741	0.623	3.22	17.0	1.528	15
16	1.188	3.108	7.80	3.53	2.43	0.814	0.417	1.33	E.612	4.04	13.4	1.788	16
17	1.358	3.808	6.38	3.36	3.78	0.778	1.11	1.04	E.578	4.52	12.8	1.738	17
18	2.108	3.708	5.80	3.41	4.76	0.758	16.9	0.870	E.586	5.13	10.2	1.888	18
19	2.908	3.808	7.37	3.58	3.76	0.748	5.57	0.714	E.629	7.72	8.77	1.888	19
20	4.808	4.808	6.70	3.36	2.85	0.728	3.58	0.669	E.623	8.49	8.42	1.888	20
21	3.908	5.408	5.63	3.28	2.53	0.718	1.53	0.595	0.602	5.81	20.3	1.728	21
22	3.308	6.008	5.11	3.26	2.84	0.678	1.14	0.558	0.614	5.61	16.7	1.948	22
23	2.858	11.2 E	5.08	3.10	2.42	0.640	0.883	0.556	0.682	5.82	11.9	2.158	23
24	2.908	17.0 E	19.2	3.06	2.21	0.630	0.784	0.581	0.783	5.21	12.8	3.258	24
25	2.358	15.0 E	23.7	2.98	1.97	0.618	0.726	0.613	0.817	4.83	13.3	4.308	25
26	2.158	7.008	32.3	2.82	1.73	E.488	0.607	0.588	0.693	4.92	9.44	5.408	26
27	2.028	6.008	22.5	2.79	1.58	E.488	0.758	0.575	0.667	4.58	6.83	5.808	27
28	1.908	3.808	17.3	2.82	1.48	E.478	0.885	0.574	0.635	4.01	5.32	21.7 E	28
29	1.708	3.858	14.9	2.85	1.43	E.481	0.880	0.588	0.663	3.48	4.88	21.4	29
30	2.308		11.8	2.28	1.36	E.475	0.736	0.595	0.833	2.99	3.99	13.8	30
31	3.308		8.81		1.27		0.782	0.553		2.81		9.74	31
TOTAL	71.88	146.19	336.98	182.01	70.41	25.194	42.887	23.927	21.524	98.268	295.95	141.00	TOTAL
MEAN	2.31	5.04	10.8	6.40	2.27	0.840	1.39	0.772	0.717	3.17	9.87	4.55	MEAN
MAX	4.50	17.0	32.3	14.5	4.76	1.30	16.9	1.33	1.44	7.72	30.3	21.7	MAX
MIN	1.18	2.38	3.36	2.28	1.27	0.481	0.417	0.553	0.490	0.627	2.11	1.88	MIN

SUMMARY FOR THE YEAR 1988

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 3.90
MAXIMUM DAILY, 32.3 ON MAR 26
MINIMUM DAILY, 0.417 ON JUL 15
MAXIMUM INSTANTANEOUS,
35.3 AT 08:11 EST ON MAR 26

TYPE OF GAUGE - RECORDING
LOCATION - LAT 42 49 46 N
LONG 81 51 09 W
DRAINAGE AREA, 730 km²

E - ICE CONDITIONS

NATURAL FLOW

MONTHLY TOTAL DISCHARGE
IN CUBIC DECAMETRES

JAN	9 190	JUL	3 710
FEB	12 600	AUG	3 070
MAR	28 200	SEP	1 850
APR	14 000	OCT	8 450
MAY	6 080	NOV	25 800
JUN	2 180	DEC	12 200

TOTAL DISCHARGE, 123 000 dam³

SYDENHAM RIVER NEAR OWEN SOUND - STATION NO. 02FB007

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1988

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	3.008	18.8	2.848	10.4	3.18	1.32	0.788	0.676	1.04	0.887	4.61	3.18	1
2	2.858	16.5 B	2.47	8.78	3.72	1.31	0.780	0.690	0.826	1.48	4.06	3.30	2
3	2.738	12.0 B	2.48	8.13	2.42	1.27	0.732	0.659	0.846	1.98	3.83	3.17	3
4	2.708	8.518	2.368	8.08	2.20	1.22	0.723	0.653	1.22	1.88	3.07	2.84	4
5	2.688	8.798	2.278	8.05	2.05	1.17	0.687	0.834	2.48	2.00	3.14	2.63	5
6	2.858	5.388	2.32	7.52	2.08	1.18	0.884	0.980	2.40	2.46	3.29	2.52	6
7	2.628	4.668	2.30	8.83	2.04	1.20	0.886	0.870	1.87	2.81	3.08	2.38	7
8	2.608	4.058	2.23	7.03	1.93	1.30	0.855	0.715	1.48	3.38	2.86	2.32	8
9	2.588	3.808	3.86	8.86	1.94	1.24	0.802	0.716	1.30	2.16	3.11	2.208	9
10	2.588	3.708	8.808	8.42	2.40	1.18	0.809	0.887	1.18	2.01	5.15	2.188	10
11	2.648	3.828	7.788	5.72	2.44	1.13	0.909	0.883	1.06	2.27	14.8	2.128	11
12	2.518	3.088	8.008	5.12	2.24	1.08	0.826	0.758	0.971	2.38	15.0	2.108	12
13	2.488	3.018	6.82	4.81	2.09	1.03	0.740	0.841	1.16	2.18	11.7	2.108	13
14	2.488	3.018	5.86	4.17	1.96	1.00	0.718	0.887	1.13	1.82	10.3	2.07	14
15	2.448	3.84	4.77	3.89	2.01	0.882	0.691	1.06	0.936	1.78	8.84	2.078	15
16	2.428	4.868	4.17	3.78	3.21	0.935	0.718	0.842	0.944	1.85	7.28	2.038	16
17	2.408	5.76	3.32	3.48	3.02	0.813	0.716	0.877	1.07	1.84	6.14	1.988	17
18	2.808	5.77	3.10	3.40	2.87	0.894	0.884	1.10	1.22	2.37	5.14	1.988	18
19	4.008	5.38	2.86	3.46	2.81	0.889	0.874	0.818	1.12	3.11	4.38	1.86	19
20	6.008	4.868	2.638	3.34	2.48	0.894	0.847	0.881	1.17	2.94	4.04	2.558	20
21	8.50	4.268	2.078	3.13	3.73	0.833	0.847	0.888	1.21	2.76	4.04	3.708	21
22	8.38	4.03	1.978	2.85	3.81	1.06	0.850	0.880	1.10	2.45	3.87	6.088	22
23	7.84	3.87	2.568	3.11	3.20	1.37	0.842	0.887	1.40	2.33	3.88	8.008	23
24	8.37	3.84	5.88	3.87	3.40	1.14	0.767	0.738	1.80	2.28	3.24	4.788	24
25	8.15	3.408	10.3	3.84	2.04	1.02	1.03	0.853	1.41	3.11	3.00	4.708	25
26	4.258	3.16	18.4	3.57	1.86	0.915	0.894	1.73	1.11	5.27	2.79	4.208	26
27	3.578	3.02	19.3 B	3.07	1.72	0.887	0.743	2.25	1.00	7.30	2.80	3.408	27
28	3.08	2.858	14.5 B	2.93	1.60	0.850	0.841	1.92	0.948	7.87	2.78	4.808	28
29	2.86	2.82	12.3	2.86	1.52	0.829	0.858	1.53	0.936	7.08	2.83	5.008	29
30	2.91		12.7	3.36	1.46	0.803	0.898	1.31	0.917	6.35	2.89	5.408	30
31	7.18		11.8		1.38		0.700	1.15		5.38		5.008	31
TOTAL	116.80	158.02	180.41	181.86	72.35	31.764	22.451	28.573	37.149	93.857	155.81	100.91	TOTAL
MEAN	3.77	5.45	5.14	5.06	2.33	1.06	0.724	0.884	1.24	3.03	5.22	3.26	MEAN
MAX	8.50	18.8	19.3	10.4	3.81	1.37	1.03	2.25	2.48	7.87	15.0	6.08	MAX
MIN	2.40	2.82	1.87	2.85	1.38	0.803	0.802	0.834	0.846	0.887	2.78	1.86	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 3.17
MAXIMUM DAILY, 19.38 ON MAR 27
MINIMUM DAILY, 0.802 ON JUL 9
MAXIMUM INSTANTANEOUS,
21.8 AT 15:24 EST ON FEB 1

SUMMARY FOR THE YEAR 1988

TYPE OF GAUGE - RECORDING
LOCATION - LAT 44 31 21 N
LONG 80 55 51 W
DRAINAGE AREA, 181 km²

B - ICE CONDITIONS

NATURAL FLOW

MONTHLY TOTAL DISCHARGE
IN CUBIC DECAMETRES

JAN	10 100	JUL	1 940
FEB	13 700	AUG	2 580
MAR	15 600	SEP	3 210
APR	13 100	OCT	8 110
MAY	6 250	NOV	13 800
JUN	2 740	DEC	8 720

TOTAL DISCHARGE, 100 000 dam³

TAY RIVER AT PORT ELMSLEY - STATION NO. 02LA018

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1988

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	---	---	10.7 B	34.0	11.8	---	---	---	---	---	---	---	1
2	---	---	10.6 B	32.3	11.6	---	---	---	---	---	---	---	2
3	---	---	10.6 B	31.3	10.9	---	---	---	---	---	---	---	3
4	---	---	10.6 B	32.2	9.01	---	---	---	---	---	---	---	4
5	---	---	10.5 B	33.0	8.43	---	---	---	---	---	---	---	5
6	---	---	10.4 B	31.6	4.48	---	---	---	---	---	---	---	6
7	---	---	10.3 B	30.3	4.84	---	---	---	---	---	---	---	7
8	---	---	10.1 B	26.8	5.56	---	---	---	---	---	---	---	8
9	---	---	10.1 B	25.2	5.48	---	---	---	---	---	---	---	9
10	---	---	10.3 B	23.8	5.41	---	---	---	---	---	---	---	10
11	---	---	10.4 B	19.4	5.38	---	---	---	---	---	---	---	11
12	---	---	10.1 B	17.8	4.38	---	---	---	---	---	---	---	12
13	---	---	9.768	17.3	3.03	---	---	---	---	---	---	---	13
14	---	---	9.548	16.8	3.27	---	---	---	---	---	---	---	14
15	---	11.08	9.478	16.0	3.63	---	---	---	---	---	---	---	15
16	---	11.08	9.888	15.1	7.04	---	---	---	---	---	---	---	16
17	---	11.08	10.1 B	14.1	8.32	---	---	---	---	---	---	---	17
18	---	10.88	10.7 B	13.0	8.08	---	---	---	---	---	---	---	18
19	---	10.88	10.8 B	8.55	8.02	---	---	---	---	---	---	---	19
20	---	10.88	10.1 B	7.76	8.88	---	---	---	---	---	---	---	20
21	---	10.88	9.718	9.18	10.1	---	---	---	---	---	---	---	21
22	---	10.88	9.548	9.88	11.0	---	---	---	---	---	---	---	22
23	---	10.88	10.8	9.91	11.4	---	---	---	---	---	---	---	23
24	---	10.88	18.1	9.81	10.3	---	---	---	---	---	---	---	24
25	---	10.88	24.9	8.98	8.93	---	---	---	---	---	---	---	25
26	---	10.78	37.1	8.84	7.02	---	---	---	---	---	---	---	26
27	---	10.78	50.5	8.12	6.38	---	---	---	---	---	---	---	27
28	---	10.78	50.1	8.04	4.76	---	---	---	---	---	---	---	28
29	---	10.78	42.3	8.88	4.08	---	---	---	---	---	---	---	29
30	---		37.3	12.3	4.26	---	---	---	---	---	---	---	30
31	---		36.2		4.01		---	---		---	---	---	31
TOTAL	---	---	530.13	538.88	217.48	---	---	---	---	---	---	---	TOTAL
MEAN	---	---	17.1	18.0	7.01	---	---	---	---	---	---	---	MEAN
MAX	---	---	50.5	34.0	11.8	---	---	---	---	---	---	---	MAX
MIN	---	---	9.47	7.76	3.03	---	---	---	---	---	---	---	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MAXIMUM DAILY, 50.5 ON MAR 27

MAXIMUM INSTANTANEOUS,
53.0 AT 17:43 EST ON MAR 27

SUMMARY FOR THE YEAR 1988

TYPE OF GAUGE - RECORDING
LOCATION - LAT 44 53 34 N
LONG 78 07 38 W
DRAINAGE AREA, 788 km²

B - ICE CONDITIONS

REGULATED

MONTHLY TOTAL DISCHARGE
IN CUBIC DECAMETRES

JAN	---	JUL	---
FEB	---	AUG	---
MAR	45 800	SEP	---
APR	46 800	OCT	---
MAY	16 800	NOV	---
JUN	---	DEC	---

REMARKS - SEASONAL OPERATION (FRESHET-MAY 31) EFFECTIVE 1987.

TEESWATER RIVER NEAR PAISLEY - STATION NO. 02FC015

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1988

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	8.968	49.6 B	9.388	51.0	7.98	3.21	1.28	1.75	1.13	0.787	12.2	11.0	1
2	7.308	40.8 B	9.128	47.5	7.47	3.43	1.47	1.86	1.11	1.49	10.6	10.4	2
3	6.168	36.5 B	8.628	44.3	6.87	3.42	1.36	1.56	1.16	2.08	9.27	10.1	3
4	5.508	30.2 B	8.268	41.2	6.47	3.05	1.50	1.47	1.91	2.70	8.38	9.59	4
5	4.468	15.3 B	8.128	37.8	6.07	2.93	1.24	1.09	2.83	2.54	8.17	9.07	5
6	4.328	12.1 B	7.868	32.8	5.70	2.83	1.28	1.12	3.21	2.50	8.37	8.83	6
7	4.148	11.2 B	7.768	28.7	5.42	2.59	1.04	1.27	2.67	2.20	7.93	8.18	7
8	4.078	10.7 B	8.368	25.1	5.15	2.54	1.12	1.43	1.91	1.85	8.15	7.79	8
9	4.008	10.2 B	8.188	21.4	5.26	2.44	0.968	1.30	1.67	1.73	8.02	7.208	9
10	3.928	9.758	10.5 B	18.4	5.87	2.46	1.11	1.28	1.07	1.74	26.7	6.608	10
11	3.678	9.308	13.3 B	15.8	7.64	2.24	1.51	1.30	1.24	3.28	25.6	6.398	11
12	3.828	8.858	17.2 B	14.0	7.33	2.20	1.11	1.57	1.31	5.53	24.3	6.188	12
13	3.798	8.628	24.8 B	12.7	6.72	2.17	1.12	1.57	1.20	5.96	31.2	6.088	13
14	3.768	8.328	23.8 B	12.1	6.18	1.97	1.21	1.57	1.08	5.48	28.9	6.758	14
15	3.748	8.858	22.4 B	12.2	5.78	1.83	1.01	1.80	1.17	4.80	26.9	6.578	15
16	3.828	11.4 B	21.1 B	11.7	8.89	1.86	1.04	1.58	0.986	4.00	25.0	6.228	16
17	4.358	12.6 B	19.4 B	11.1	10.6	1.73	1.23	1.58	0.880	3.44	21.3	6.088	17
18	5.488	14.8 B	18.2 B	11.4	9.85	1.89	1.44	1.49	1.25	4.81	17.6	5.968	18
19	10.4 B	14.6 B	17.0 B	11.1	8.32	1.89	1.22	1.58	1.87	5.22	14.6	5.788	19
20	13.6 B	14.3 B	16.1 B	10.7	7.07	1.79	1.13	1.19	1.92	4.87	12.9	14.1 B	20
21	16.6 B	13.9 B	15.2 B	10.2	8.76	1.51	1.33	1.29	2.08	4.32	13.1	34.1	21
22	15.9 B	13.6 B	13.9 B	9.80	12.9	2.04	0.895	1.47	1.85	4.01	13.2	21.0 B	22
23	13.4 B	13.0 B	16.6 B	9.14	11.8	2.23	0.841	1.15	1.80	3.85	12.8	27.7 B	23
24	12.0 B	12.5 B	30.4	8.85	9.95	2.25	1.16	1.08	1.40	4.80	12.0	32.2	24
25	11.2 B	11.8 B	46.8	10.1	7.98	1.94	1.35	1.48	1.74	8.90	11.1	28.1 B	25
26	10.4 B	11.2 B	53.9	8.81	6.98	1.72	1.24	1.44	1.55	14.9	10.0	25.0 B	26
27	9.788	10.6 B	55.3	8.28	5.84	1.72	1.27	1.40	1.27	17.0	9.62	23.4 B	27
28	9.128	10.2 B	51.6	8.04	5.18	1.54	1.28	1.38	0.980	18.5	9.56	34.1 B	28
29	9.648	9.828	54.9	8.65	4.68	1.54	1.14	1.51	1.15	18.8	9.80	27.0 B	29
30	20.6 B		57.0	8.38	4.37	1.40	1.08	1.35	0.915	16.7	10.2	23.1 B	30
31	53.4 B		53.3		3.70		1.26	1.22		14.4		20.8 B	31
TOTAL	293.60	447.51	730.10	585.07	224.49	65.76	37.384	44.37	46.101	194.187	451.68	464.91	TOTAL
MEAN	9.47	15.4	23.6	18.8	7.24	2.19	1.21	1.43	1.54	6.26	15.1	14.7	MEAN
MAX	53.4	49.6	57.0	51.0	12.9	3.43	1.51	1.86	3.21	18.5	31.2	34.1	MAX
MIN	3.74	8.32	7.76	8.38	3.70	1.40	0.841	1.08	0.915	0.787	7.93	5.78	MIN

SUMMARY FOR THE YEAR 1988

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 8.71
MAXIMUM DAILY, 57.0 ON MAR 30
MINIMUM DAILY, 0.787 ON OCT 1
MAXIMUM INSTANTANEOUS,
68.0 AT 18:01 EST ON MAR 25

TYPE OF GAUGE - RECORDING
LOCATION - LAT 44 18 07 N
LONG 81 18 09 W
DRAINAGE AREA, 863 km²

B - ICE CONDITIONS

NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	25 400	JUL	3 230
FEB	38 700	AUG	3 830
MAR	63 100	SEP	3 980
APR	48 800	OCT	16 800
MAY	19 400	NOV	39 000
JUN	5 680	DEC	39 300

TOTAL DISCHARGE, 307 000 dam³

TEMAGAMI LAKE AT TEMAGAMI - STATION NO. 02DC010

DAILY WATER LEVEL IN METRES FOR 1988

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	293.330	293.280	293.140	293.070	293.780	293.870	293.850	293.780	293.720	293.660	293.770	293.940	1
2	293.340	293.260	293.140	293.080	293.810	293.860	293.850	293.760	293.710	293.670	293.760	293.940	2
3	293.340	293.260	293.140	293.090	293.800	293.840	293.850	293.770	293.710	293.670	293.760	293.920	3
4	293.350	293.250	293.140	293.080	293.810	293.820	293.850	293.770	293.710	293.670	293.760	293.930	4
5	293.360	293.240	293.130	293.100	293.780	293.800	293.840	293.770	293.700	293.670	293.800	293.920	5
6	293.350	293.240	293.130	293.120	293.820	293.870	293.850	293.780	293.700	293.670	293.820	293.920	6
7	293.360E	293.230	293.120	293.160	293.840	293.810	293.840	293.750	293.700	293.670	293.830	293.920	7
8	293.350	293.220	293.120	293.200	293.860	293.890	293.840	293.740	293.680	293.670	293.840	293.910	8
9	293.350	293.220	293.110	293.220	293.880	293.880	293.840	293.780	293.680	293.670	293.860	293.910	9
10	293.350	293.220	293.120	293.250	293.900	293.880	293.840	293.780	293.670	293.670	293.870	293.910	10
11	293.350	293.200	293.100	293.270	293.910	293.880	293.840	293.760	293.670	293.670	293.880	293.900	11
12	293.340	293.200	293.100	293.280	293.950	293.870	293.820	293.760	293.660	293.670	293.880	293.900	12
13	293.360	293.210	293.100	293.320	293.980	293.870	293.820	293.770	293.670	293.660	293.880	293.880	13
14	293.340	293.210	293.090	293.340	293.970	293.870	293.820	293.780	293.660	293.670	293.900	293.880	14
15	293.340	293.210	293.090	293.360	293.980	293.870	293.820	293.800	293.660	293.670	293.900	293.900	15
16	293.330	293.210	293.090	293.420	293.980	293.860	293.820	293.770	293.650	293.670	293.880	293.900	16
17	293.330	293.200	293.090	293.460	293.980	293.860	293.810	293.780	293.650	293.670	293.900	293.880	17
18	293.320	293.200	293.070	293.500	293.980	293.860	293.820	293.780	293.640	293.700	293.920	293.880	18
19	293.320	293.200	293.070	293.530	293.980	293.860	293.820	293.780	293.640	293.700	293.920	293.870	19
20	293.310	293.180	293.060	293.540	293.980	293.860	293.830	293.740	293.630	293.700	293.920	293.870	20
21	293.310	293.180	293.060	293.560	293.990	293.850	293.810	293.740	293.680	293.700	293.920	293.870	21
22	293.300	293.180	293.060	293.580	294.000	293.850	293.810	293.730	293.680	293.700	293.920	293.870	22
23	293.300	293.200	293.040	293.600	294.000	293.850	293.800	293.720	293.680	293.710	293.920	293.860	23
24	293.300	293.180	293.040	293.630	294.000	293.850	293.800	293.720	293.680	293.710	293.910	293.860	24
25	293.300	293.180	293.020	293.660	293.990	293.850	293.800	293.720	293.680	293.730	293.910	293.860	25
26	293.300	293.180	293.030	293.680	293.990	293.850	293.800	293.750	293.640	293.740	293.920	293.860	26
27	293.280	293.170	293.030	293.700	293.980	293.860	293.800	293.740	293.600	293.740	293.920	293.860	27
28	293.280	293.180	293.040	293.680	293.990	293.840	293.800	293.740	293.660	293.760	293.930	293.860	28
29	293.280	293.180	293.020	293.750	293.980	293.860	293.790	293.740	293.650	293.780	293.930	293.850	29
30	293.280		293.060	293.770	293.980	293.850	293.790	293.740	293.650	293.770	293.930	293.850	30
31	293.280		293.060		293.980		293.780	293.720		293.770		293.850	31
MEAN	293.323	293.209	293.084	293.402	293.932	293.876	293.821	293.753	293.667	293.697	293.876	293.889	MEAN
MAX	293.360	293.280	293.140	293.770	294.000	293.970	293.850	293.800	293.720	293.780	293.930	293.940	MAX
MIN	293.280	293.160	293.020	293.070	293.790	293.840	293.780	293.720	293.600	293.660	293.770	293.850	MIN

SUMMARY FOR THE YEAR 1988

WATER LEVELS IN METRES

MEAN, 293.629
MAXIMUM DAILY, 294.000 ON MAY 22
MINIMUM DAILY, 293.020 ON MAR 25

TYPE OF GAUGE - MANUAL
LOCATION - LAT 47 03 48 N
LONG 79 47 44 W
DATA CONTRIBUTED BY -
ONTARIO HYDRO

E - ESTIMATED

REGULATED

WATER LEVELS ARE REFERRED TO GEODETIC SURVEY OF CANADA DATUM
APPLY -000.076 m ADJUSTMENT TO CONVERT TO TEMISKAMING AND NORTHERN ONTARIO RAILWAY DATUM

TEMAGAMI RIVER AT CROSS LAKE DAM - STATION NO. 02DC007

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1988

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	4.00	23.7	22.1	20.2	3.80	38.8	9.80	7.70	11.3	9.00	4.30	28.4	1
2	4.00	23.3	22.1	20.6	15.0	36.5	9.80	7.70	10.8	9.80	4.30	29.4	2
3	4.00	23.3	21.3	20.9	27.5	35.8	9.50	7.50	10.8	9.80	4.30	29.1	3
4	4.00	23.3	21.3	22.1	26.2	35.3	9.50	7.30	10.8	9.80	4.30	29.1	4
5	4.00	22.8	21.3	24.5	26.2	34.7	9.00	12.4	11.3	9.80	4.30	28.9	5
6	4.00	22.8	21.3	25.4	10.5	34.7	9.00	12.4	10.8	9.80	4.30	28.9	6
7	4.00	22.8	21.3	16.9	4.80	17.7	9.00	12.1	10.8	9.50	4.30	28.9	7
8	4.00	22.8	21.3	4.80	3.70	18.7	9.00	12.1	9.80	9.80	4.30	28.4	8
9	24.1	22.8	44.7	3.50	3.70	19.1	9.00	11.8	9.50	9.00	4.30	28.0	9
10	24.5	23.8	42.4	3.30	3.80	18.1 E	9.00	12.4	9.50	9.00	4.30	28.0	10
11	24.1	22.5	41.2	3.70	12.8	18.1 E	9.00	12.1	9.50	9.80	31.3	28.0	11
12	24.1	22.5	39.0	4.00	32.2	18.1 E	9.50	11.3	9.00	9.80	29.4	28.0	12
13	24.1	22.8	37.4	4.30	31.3	18.1	9.00	11.8	9.50	9.80	28.4	28.7	13
14	23.7	22.5	35.8	3.70	31.7	18.1	8.80	12.4	9.00	9.00	28.0	27.5	14
15	23.7	22.5	34.2	4.00	31.3	10.2	8.80	12.6	9.00	9.00	28.4	27.5	15
16	23.7	22.5	33.2	3.80	31.7	10.5	8.80	12.6	9.00	9.00	28.0	28.7	16
17	23.7	22.5	33.2	3.80	32.2	10.5	8.80	12.4	9.00	8.80	28.0	28.7	17
18	23.7	22.5	28.0	4.00	31.7	10.5	8.80	12.6	8.80	9.00	28.8	28.7	18
19	23.7	22.5	28.0	3.80	31.7	10.5	8.80	12.1	9.00	11.0	28.8	28.2	19
20	23.7	22.5	24.8	3.80	31.7	9.80	8.80	12.1	9.00	10.8	28.8	26.2	20
21	23.7	22.5	22.8	3.80	31.7	9.50	8.80	11.8	9.00	5.20	28.8	25.7	21
22	23.7	22.5	22.1	3.80	32.2	9.00	8.80	11.3	9.00	4.80	28.8	26.2	22
23	23.7	22.5	21.3	3.80	40.1	9.00	8.80	11.3	9.00	4.30	28.4	26.2	23
24	23.7	22.5	20.6	4.00	40.1	9.50	8.40	11.0	9.00	4.20	28.4	26.2	24
25	23.7	22.1	20.6	4.20	38.0	9.00	8.40	11.3	9.00	4.20	28.4	25.4	25
26	23.3	22.1	19.8	3.80	37.4	9.80	8.40	11.3	8.80	4.20	28.0	25.4	26
27	23.3	22.1	19.8	3.80	37.4	10.2	8.80	11.8	8.80	4.30	28.4	25.4	27
28	23.3	22.1	19.8	3.80	37.4	9.80	8.40	11.3	9.50	4.30	28.8	25.4	28
29	23.3	22.1	19.1	3.80	37.4	9.80	8.10	11.3	9.00	4.30	29.4	25.4	29
30	23.3		19.1	3.70	38.8	9.80	7.90	11.3	9.00	4.30	29.4	25.4	30
31	23.3		20.2		38.8		7.90	11.3		4.30		24.4	31
TOTAL	577.10	656.9	819.3	240.70	630.30	522.00	273.40	350.40	288.30	238.80	818.30	840.4	TOTAL
MEAN	18.6	22.7	26.4	8.02	20.8	17.4	8.82	11.3	9.54	7.71	20.6	27.1	MEAN
MAX	24.5	23.7	44.7	25.4	40.1	38.8	9.80	12.6	11.3	11.0	31.3	29.4	MAX
MIN	4.00	22.1	19.1	3.30	3.80	9.00	7.90	7.30	8.80	4.20	4.30	24.4	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 17.1
MAXIMUM DAILY, 44.7 ON MAR 9
MINIMUM DAILY, 3.30 ON APR 10

DATA CONTRIBUTED BY -
ONTARIO HYDRO

SUMMARY FOR THE YEAR 1988

TYPE OF GAUGE - MANUAL
LOCATION - LAT 46 46 41 N
LONG 79 56 43 W
DRAINAGE AREA, 1 360 km²

E - ESTIMATED
REGULATED

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	49 900	JUL	23 600
FEB	55 600	AUG	30 300
MAR	70 800	SEP	24 700
APR	20 600	OCT	20 600
MAY	71 700	NOV	53 400
JUN	45 100	DEC	72 600

TOTAL DISCHARGE, 840 000 dam³

TEMAGAMI RIVER AT RED CEDAR LAKE DAM - STATION NO. 02DC008

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1988

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	31.2	28.8	39.4	45.7	30.4	55.8	8.10	9.30	13.3	13.0	34.9	58.3	1
2	30.7	30.4	37.8	44.2	31.6	54.5	8.30	9.30	13.1	14.2	34.2	58.3	2
3	30.7	30.4	46.9	44.2	33.4	53.2	8.40	9.10	12.8	14.7	33.3	58.3	3
4	30.4	38.8	52.4	45.1	36.2	52.2	8.80	12.4	13.1	15.8	32.4	58.6	4
5	30.1	39.8	48.6	46.6	38.7	51.2	8.80	17.0	12.7	16.8	32.1	58.6	5
6	19.8	28.5	47.1	44.3	21.7	34.9	7.00	16.8	10.1	17.4	32.1	58.3	6
7	19.3	28.5	44.2	38.8	9.20	22.4	7.00	16.3	8.10	18.2	31.8	56.3	7
8	14.8	29.5	42.0	40.8	10.8	22.7	7.10	15.8	8.40	19.0	31.5	55.8	8
9	19.8	29.1	48.5	46.9	12.2	23.0	7.30	15.4	8.80	19.8	30.8	53.5	9
10	20.1	29.1	59.2	48.4	13.8	23.0	7.60	15.4	8.90	20.4	30.5	54.8	10
11	21.3	28.8	57.5	52.3	14.9	23.3	7.70	14.9	7.10	21.0	42.4	54.0	11
12	22.2	28.8	55.8	54.9	16.8	23.3	9.20	14.7	7.30	21.8	80.8	48.8	12
13	23.1	29.1	54.2	56.9	20.1	23.8	13.8	14.8	7.70	28.0	59.8	43.3	13
14	24.1	28.8	52.5	59.5	23.9	16.2	13.6	15.1	7.70	31.8	59.2	43.3	14
15	28.8	28.8	71.0	62.9	27.0	10.2	13.4	15.1	7.90	31.0	58.8	42.8	15
16	34.1	33.3	66.8	64.9	30.1	10.2	13.2	15.1	11.7	30.4	57.9	43.0	16
17	33.6	37.3	62.7	66.3	48.9	10.2	12.9	14.9	14.2	29.8	57.3	42.8	17
18	33.2	36.1	58.7	67.3	51.4	10.0	12.5	14.8	14.2	29.8	57.6	42.0	18
19	33.2	34.8	55.4	67.3	50.7	9.80	12.2	14.7	13.9	31.8	57.6	41.4	19
20	32.9	33.8	52.1	67.0	50.4	9.40	12.0	14.6	13.7	33.2	57.8	36.6	20
21	32.6	33.3	48.9	67.8	59.7	9.40	11.8	14.2	13.7	38.4	57.3	32.2	21
22	32.2	32.4	53.8	68.5	59.7	8.00	11.8	13.8	13.4	44.2	57.3	33.8	22
23	31.6	36.0	59.8	41.3	59.4	3.50	11.4	13.8	13.2	43.3	56.3	33.3	23
24	31.8	40.0	56.1	42.6	59.4	3.70	11.1	13.3	13.0	42.3	56.9	33.8	24
25	31.6	38.1	50.5	27.6	59.1	4.10	10.9	13.3	12.9	41.4	56.3	34.1	25
26	31.3	41.1	47.0	19.2	58.7	4.70	10.7	13.8	12.5	40.5	54.8	34.1	26
27	30.7	44.6	44.4	22.0	58.1	5.10	10.5	13.8	12.5	39.5	54.8	34.1	27
28	30.7	42.6	51.7	24.2	57.7	5.30	10.3	13.8	12.7	38.3	55.0	34.4	28
29	30.7	41.0	52.3	27.0	57.4	5.40	10.1	13.8	12.7	37.6	55.8	34.4	29
30	29.7		48.9	28.8	56.4	5.70	9.70	13.8	12.7	36.7	55.6	34.1	30
31	29.8		47.6		55.1		9.70	13.3		35.8		34.1	31
TOTAL	829.8	865.6	1 615.2	1 383.5	1 243.50	591.80	306.80	435.30	336.00	895.8	1 449.8	1 387.5	TOTAL
MEAN	26.8	33.3	52.1	46.1	40.1	19.7	9.89	14.0	11.2	28.9	48.3	44.1	MEAN
MAX	34.1	44.6	71.0	67.3	61.4	59.8	13.9	17.0	14.2	44.2	80.8	58.8	MAX
MIN	14.8	28.8	37.8	19.2	9.20	3.50	8.10	9.10	8.10	13.0	30.8	32.2	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 31.2
MAXIMUM DAILY, 71.0 ON MAR 15
MINIMUM DAILY, 3.50 ON JUN 23

DATA CONTRIBUTED BY -
ONTARIO HYDRO

SUMMARY FOR THE YEAR 1988

TYPE OF GAUGE - MANUAL
LOCATION - LAT 46 40 45 N
LONG 79 59 42 W
DRAINAGE AREA, 2 360 km²

REGULATED

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	71 700	JUL	28 500
FEB	83 400	AUG	37 800
MAR	140 000	SEP	38 000
APR	120 000	OCT	77 400
MAY	107 000	NOV	135 000
JUN	51 100	DEC	118 000

TOTAL DISCHARGE, 887 000 dam³

THAMES RIVER AT BYRON - STATION NO. 02GE002

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1988

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	34.7	82.0	23.3	86.7	20.9	9.82	5.80	18.9	5.86	7.19	31.5	34.6	1
2	25.48	101	22.3	61.5	18.2	9.01	5.47	14.1	5.85	10.5	30.6	31.5	2
3	21.38	73.6	31.7	86.2	17.5	10.1	5.38	11.5	5.73	8.27	29.6	29.2	3
4	21.88	52.2	30.0	103	16.6	10.2	5.44	10.1	17.6	8.45	28.5	27.8	4
5	18.08	33.08	25.7	109	15.3	9.74	5.51	10.2	12.2	8.01	24.8	27.1	5
6	16.8	21.18	28.1	106	13.8	10.1	5.50	10.8	11.4	8.48	32.4	27.2	6
7	17.6	18.88	40.2	92.5	13.3	9.88	4.82	7.90	8.85	8.47	49.3	26.1	7
8	17.7	20.4	83.8	84.7	14.8	9.80	4.25	7.67	8.04	9.28	84.5	22.2	8
9	17.0	22.2	121	66.0	17.4	9.49	4.54	8.38	8.85	10.4	58.2	20.2	9
10	16.6	22.5	172	49.9	17.8	8.89	4.18	18.4	8.30	13.3	57.5	17.5	10
11	16.0	21.5	142	44.5	16.2	7.82	6.47	11.1	7.86	20.8	87.9	16.3	11
12	15.3	20.8	118	37.1	14.9	7.42	6.42	8.57	8.10	41.9	98.6	15.7	12
13	14.3	19.9	112	28.8	13.3	7.56	6.05	8.81	7.23	50.0	101	16.2	13
14	14.8	18.4	90.8	28.2	12.3	7.22	5.78	7.25	7.08	34.2	141	15.7	14
15	14.7	22.0	68.1	28.1	12.1	7.97	5.40	12.8	7.15	28.1	122	15.8	15
16	14.5	25.8	58.1	23.5	24.8	7.18	9.73	8.22	6.87	20.4	87.9	15.1	16
17	17.5	31.2	51.6	22.1	28.5	7.00	21.3	8.78	6.77	21.7	88.2	13.4	17
18	23.4	33.0	45.1	23.8	23.5	6.85	11.7	7.76	6.77	43.3	62.8	13.1	18
19	34.3	32.8	38.8	22.9	20.4	6.49	9.84	7.10	7.23	46.0	47.4	13.8	19
20	35.5	34.6	37.3	21.1	20.2	6.76	10.9	8.70	7.18	38.6	81.7	16.1	20
21	44.9	27.5	32.7	20.7	30.1	6.78	10.8	5.85	7.11	35.5	103	24.9	21
22	42.78	25.3	26.4	20.1	33.9	6.33	8.48	5.80	7.10	33.8	115	26.5	22
23	31.2	42.5	26.5	20.3	37.5	6.63	9.50	7.32	11.2	32.8	87.8	42.0	23
24	27.5	47.5	79.6	20.3	26.5	5.97	9.30	8.75	8.18	34.3	59.1	52.5	24
25	23.8	40.4	148	20.5	22.2	6.11	8.84	7.88	7.32	37.8	53.0	46.2	25
26	20.7	33.7	265	21.8	20.1	5.89	8.58	5.73	7.17	38.3	43.7	40.4	26
27	17.9	29.8	265	23.3	19.0	5.78	10.0	6.21	7.13	42.9	41.7	50.7	27
28	15.6	26.9	198	22.7	14.2	5.62	11.9	5.97	7.14	53.1	39.6	116	28
29	16.4	25.4	118	19.5	12.8	5.85	8.44	5.81	6.95	53.3	37.9	144	29
30	18.4		109	18.9	12.5	5.77	7.42	6.04	7.18	41.8	35.4	110	30
31	39.5		90.3		10.9		9.11	8.07		30.8		83.8	31
TOTAL	704.8	1 019.7	2 703.4	1 283.3	693.4	230.27	245.27	278.36	244.34	872.65	1 888.8	1 183.5	TOTAL
MEAN	22.7	35.2	87.2	42.1	19.1	7.68	7.94	8.98	8.14	28.2	62.3	37.2	MEAN
MAX	44.9	101	265	109	37.5	10.2	21.3	18.9	17.6	53.3	141	144	MAX
MIN	14.3	18.4	22.3	18.9	10.9	5.89	4.18	5.73	5.85	7.19	24.8	13.1	MIN

SUMMARY FOR THE YEAR 1988

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 30.5
MAXIMUM DAILY, 265 ON MAR 27
MINIMUM DAILY, 4.18 ON JUL 10
MAXIMUM INSTANTANEOUS,
310 AT 00:00 EST ON MAR 27

TYPE OF GAUGE - RECORDING
LOCATION - LAT 42 57 47 N
LONG 81 19 55 W
DRAINAGE AREA, 3 110 km²

B - ICE CONDITIONS

REGULATED SINCE 1952

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	60 900	JUL	21 300
FEB	88 100	AUG	24 100
MAR	234 000	SEP	21 100
APR	108 000	OCT	75 400
MAY	51 300	NOV	181 000
JUN	19 900	DEC	89 700

TOTAL DISCHARGE, 866 000 dam³

THAMES RIVER AT CHATHAM - STATION NO. 02GE004

DAILY WATER LEVEL IN METRES FOR 1988

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	1.796	1.871	1.888	1.920E	1.561	1.593	1.646	1.530E	1.480	1.388A	1.358	1.415	1
2	1.883	1.870	1.852	1.830E	1.561	1.583	1.597	1.522A	1.483	1.423A	1.407	1.443	2
3	1.831	2.049	1.703	1.770E	1.543	1.821	1.598	1.533A	1.473	1.366A	1.295	1.429	3
4	1.862	2.029	1.883	1.810E	1.587	1.800	1.585	1.534A	1.531	1.412A	1.295	1.448	4
5	1.831	1.842	1.882	1.860A	1.571	1.842	1.617	1.535A	1.539	1.482	1.348	1.384	5
6	1.873	1.846	1.840	1.980A	1.573	1.822	1.601	1.530E	1.558	1.390	1.334	1.383	6
7	1.738	1.863	1.643A	2.150A	1.553	1.811	1.611	1.530E	1.502	1.367	1.358	1.381	7
8	1.786	1.863	1.670A	2.090A	1.528	1.813	1.630	1.528A	1.484	1.342	1.404	1.403	8
9	1.806	1.802	1.740A	1.990E	1.554	1.836	1.618	1.529A	1.469	1.341	1.387	1.424	9
10	1.815	1.884	1.860A	1.880E	1.583	1.803	1.593	1.528A	1.457	1.417	1.558	1.397	10
11	1.792	1.812	2.080A	1.800A	1.571	1.802	1.582	1.553	1.417A	1.455	1.549	1.420	11
12	1.757	1.828	2.170E	1.748A	1.550	1.591	1.578	1.557	1.407A	1.445	1.484	1.324	12
13	1.744	1.818	2.110E	1.708	1.579	1.584	1.541	1.544	1.471A	1.392	1.704	1.350	13
14	1.741	1.805	2.060A	1.748	1.551	1.591	1.605A	1.549A	1.453A	1.406	1.445	1.336	14
15	1.876	1.887	1.970A	1.704	1.582	1.597	1.583A	1.576A	1.424A	1.384	1.851	1.450	15
16	1.896	1.813	1.850A	1.895	1.596	1.804	1.530E	1.537A	1.410A	1.331	1.913	1.372	16
17	1.872	1.836	1.730A	1.703	1.825	1.800	1.510E	1.567A	1.416A	1.294	1.800	1.384	17
18	1.822	1.870	1.690A	1.728	1.615	1.571	1.605A	1.543A	1.406A	1.428	1.556	1.371	18
19	1.826	1.703	1.650E	1.889	1.620	1.807	1.516A	1.525A	1.428A	1.427	1.422	1.383	19
20	1.866	1.748	1.860E	1.702	1.611	1.849	1.507A	1.535A	1.465A	1.440	1.502	1.341	20
21	1.898	1.774	1.850A	1.838	1.802	1.835	1.510E	1.528A	1.421A	1.406	1.847	1.348	21
22	1.880	1.736	1.570A	1.893	1.803	1.876	1.519A	1.528A	1.361A	1.475	1.725	1.318	22
23	1.887	1.856	1.560A	1.823	1.834	1.872	1.520E	1.516A	1.451A	1.382	1.866	1.376	23
24	1.885	1.976	1.560A	1.877	1.873	1.857	1.510E	1.545A	1.414A	1.458	1.760	1.385	24
25	1.823	1.881	1.800A	1.860	1.881	1.893	1.513A	1.552A	1.418A	1.418	1.571	1.614	25
26	1.840	1.801	2.100E	1.880	1.822	1.702	1.520E	1.544A	1.408A	1.404	1.480	1.532	26
27	1.815	1.739	2.400E	1.857	1.817	1.878	1.535A	1.540A	1.400A	1.318	1.484	1.448	27
28	1.894	1.878	2.690A	1.816	1.800	1.871	1.518A	1.529	1.370A	1.487	1.504	1.881	28
29	1.878	1.857	2.820A	1.838	1.898	1.847	1.517A	1.543	1.378A	1.395	1.381	1.931	29
30	1.855		2.830A	1.861	1.585	1.865	1.520E	1.525	1.384A	1.416	1.415	2.125	30
31	1.868		2.030A		1.582		1.520E	1.508		1.368		2.004	31
MEAN	1.874	1.724	1.888	1.752	1.589	1.827	1.556	1.538	1.445	1.401	1.540	1.484	MEAN
MAX	1.815	2.049	2.820	2.150	1.681	1.702	1.885	1.576	1.839	1.487	1.913	2.125	MAX
MIN	1.855	1.883	1.560	1.857	1.529	1.571	1.505	1.508	1.361	1.294	1.295	1.318	MIN

SUMMARY FOR THE YEAR 1988

WATER LEVELS IN METRES

MEAN, 1.589
MAXIMUM DAILY, 2.820A ON MAR 29
MINIMUM DAILY, 1.294 ON OCT 17

TYPE OF GAUGE - RECORDING
LOCATION - LAT 42 24 51 N
LONG 82 10 42 W

A - MANUAL GAUGE

E - ESTIMATED

REGULATED

DRAINAGE AREA,
4 610 km²

WATER LEVELS ARE REFERRED TO ASSUMED DATUM
APPLY 173.736 m ADJUSTMENT TO CONVERT TO GEODETIC SURVEY OF CANADA DATUM

THAMES RIVER AT INGERSOLL - STATION NO. 02GD018

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1988

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	7.20B	15.4	2.50B	11.2	2.80	1.83	1.83	5.32	1.14E	1.89	2.30	2.74	1
2	5.00B	12.6	4.00B	10.7	2.40	1.80	1.98	3.44	1.20E	2.27	2.17	2.53	2
3	3.50B	8.90B	6.00B	12.3	2.31	1.84	1.86	2.63	1.27A	1.80	2.16	2.48	3
4	3.00B	5.00B	4.70B	16.4	2.26	1.83	1.77	2.15	1.84	1.84	2.26	2.15	4
5	2.70B	4.00B	4.50B	14.3	2.16	1.86	1.71	1.99	2.19	1.82	2.81	2.70	5
6	2.60B	3.50B	8.50B	12.4	2.10	1.87	1.75	2.26	1.88	1.93	3.91	4.02	6
7	2.50B	3.40B	10.8	11.2	1.93	1.82	1.75	1.78	1.24A	2.19	4.98	3.22	7
8	2.40B	3.20B	17.9	7.82	1.87	2.11	1.87	1.83	1.20E	3.44	9.72	2.78B	8
9	2.30B	3.00B	29.9	7.11	2.07	1.88	1.83	1.83	1.23E	3.48	9.25	2.25B	9
10	2.20B	2.90B	28.8	8.88	2.58	1.82	1.77	2.41	1.20E	3.84	9.71	1.80B	10
11	2.14B	2.80B	17.2	5.70	2.32	2.03	2.09	1.71	1.18E	5.81	9.05	1.65B	11
12	2.08B	2.75B	14.7	3.82	2.08	2.06	1.70	1.65	1.17E	4.42	8.08	1.52B	12
13	2.05B	2.68B	11.8	3.26	2.01	2.06	1.62	1.78	1.48A	4.09	11.0	1.48B	13
14	2.00B	2.80B	10.0	3.31	1.72	1.98	2.07	1.78	1.43A	3.81	11.4	1.45B	14
15	1.97B	3.80B	8.85	3.13	2.12	2.16	1.82	1.83	1.33E	3.67	10.3	1.42B	15
16	1.93B	5.00B	5.31	2.85	4.85	2.18	2.43	1.70	1.20A	3.51	8.74	1.40B	16
17	1.90B	4.70B	4.83	3.02	4.50	2.28	4.75	1.83	1.38A	3.28	8.28	1.38B	17
18	3.00B	4.40B	4.88	3.22	3.18	2.07	2.80	1.82	1.41A	5.03	8.39	1.38B	18
19	5.20B	4.20B	4.70	2.84	2.77	2.08	2.08	1.49	1.29A	3.81	8.00	1.37B	19
20	4.80B	4.00B	4.54	2.81	2.72	2.01	1.67	1.37A	1.29A	3.31	8.04	2.87	20
21	5.40B	3.90B	4.33	2.75	3.22	2.01	1.57	1.22E	1.20A	2.95	11.5	3.47	21
22	4.20B	4.20B	4.11	2.65	3.88	2.11	1.80A	1.27A	1.29A	2.68	10.3	3.09	22
23	3.00B	6.20B	5.37	2.77	5.75	2.08	1.81	1.40A	1.86	2.70	8.59	4.76	23
24	2.70B	7.00B	5.83	2.70	5.05	2.05	1.62	1.54A	1.37	2.92	7.32	4.93	24
25	2.50B	5.80B	10.8	2.48	3.88	1.95	1.58	1.43A	1.28A	2.89	8.41	4.47	25
26	2.40B	4.50B	15.4	2.20	3.87	2.00	1.43	1.39A	1.24A	2.84	8.48	3.85	26
27	3.32B	4.00B	14.5	2.43	3.50	2.08	1.43A	1.32E	1.21A	2.48	4.82	4.93	27
28	3.25B	3.40B	11.2	2.44	2.85	2.00	1.83	1.27E	1.32A	3.22	4.45	16.8	28
29	3.20B	2.80B	13.5	2.54	2.40	1.88	1.53	1.22E	1.62	2.75	4.09	17.0	29
30	3.20B		13.2	2.87	2.48	1.82	1.94	1.18E	1.56	2.49	3.81	13.7	30
31	8.50B		12.1		2.11		8.41	1.18E		2.83		8.42	31
TOTAL	99.24	138.63	313.68	189.82	89.45	60.13	83.36	56.38	41.10	84.87	200.41	127.85	TOTAL
MEAN	3.20	4.78	10.1	6.88	2.88	2.00	2.04	1.82	1.37	3.06	6.68	4.12	MEAN
MAX	8.50	15.4	29.9	16.4	5.75	2.28	8.41	5.32	2.19	5.81	11.5	17.0	MAX
MIN	1.90	2.80	2.50	2.20	1.72	1.82	1.43	1.18	1.14	1.89	2.16	1.37	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 3.87
MAXIMUM DAILY, 29.9 ON MAR 9
MINIMUM DAILY, 1.14E ON SEP 1
MAXIMUM INSTANTANEOUS,
36.1 AT 19:47 EST ON MAR 9

SUMMARY FOR THE YEAR 1988

TYPE OF GAUGE - RECORDING
LOCATION - LAT 43 02 20 N
LONG 80 53 08 W
DRAINAGE AREA, 818 km²
A - MANUAL GAUGE
B - ICE CONDITIONS
E - ESTIMATED
REGULATED

MONTHLY TOTAL DISCHARGE
IN CUBIC DECAMETRES

JAN	8 570	JUL	5 470
FEB	12 000	AUG	4 870
MAR	27 100	SEP	3 550
APR	16 700	OCT	8 210
MAY	7 730	NOV	17 300
JUN	5 190	DEC	11 000

TOTAL DISCHARGE, 128 000 dam³

THAMES RIVER AT INNERKIP - STATION NO. 02GD021

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1988

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	0.780B	5.80 B	0.750B	2.88	0.748	0.278	0.044	0.088	0.018	0.055	0.380	0.827	1
2	0.640B	3.25	0.710B	2.56	0.604	0.248	0.050	0.091	0.013	0.103	0.309	0.718	2
3	0.510B	1.70 B	0.685B*	5.84	0.518	0.234	0.044	0.089	0.027	0.124	0.286	0.638	3
4	0.420B	1.30 B	0.675B	11.4	0.480	0.218	0.042	0.053	0.048	0.135	0.270	0.484	4
5	0.340B	0.900B	0.900B	5.81	0.457	0.181	0.034	0.048	0.170	0.098	0.389	0.585	5
6	0.300B	0.720B	1.60 B	3.56	0.413	0.177	0.032	0.048	0.187	0.078	1.98	0.526	6
7	0.280B	0.650B	4.00 B	2.73	0.378	0.168	0.028	0.041	0.088	0.077	2.04	0.475	7
8	0.268B	0.620B	7.50 B	2.09	0.357	0.172	0.018	0.036	0.057	0.082	1.66	0.370B	8
9	0.260B	0.580B	14.0 B	1.68	0.360	0.168	0.014	0.032	0.045	0.084	2.49	0.298B	9
10	0.250B	0.560B	11.6	1.43	0.882	0.159	0.010	0.042	0.038	0.117	3.28	0.260B	10
11	0.245B	0.540B	7.78	1.26	0.508	0.148	0.021	0.048	0.031	0.734	4.85	0.245B	11
12	0.242B	0.520B	5.08	0.978	0.358	0.128	0.032	0.042	0.030	1.01	2.17	0.232B	12
13	0.238B	0.510B	3.43	0.841	0.285	0.121	0.028	0.042	0.037	0.481	4.01	0.225B	13
14	0.233B	0.500B	2.58	0.872	0.248	0.102	0.030	0.022	0.041	3.289	5.12	0.228B	14
15	0.230B	0.900B	1.98	1.01	0.380	0.083	0.051	0.050	0.058	0.158	2.78	0.245B	15
16	0.450B	1.30 B	1.65	0.878	1.00	0.077	0.083E	0.084	0.040	0.163	1.92	0.240B	16
17	0.800B	1.20 B	1.47	0.804	1.48	0.076	0.337E	0.040	0.048	0.150	1.65	0.237B	17
18	2.70 B	0.900B	1.41	0.980	0.858	0.077	0.275E	0.038	0.052	0.584	1.31	0.233B	18
19	2.40 B	0.670B	1.32 B	0.897	0.764	0.073	0.132A	0.027	0.058	0.782	1.05	0.270B	19
20	2.10 B	0.640B	1.20 B	0.790	0.802	0.088	0.081	0.017	0.071	0.483	1.38	0.440B	20
21	2.50 B	0.820B	1.12 B	1.01	1.38	0.083	0.087	0.011	0.088	0.382	6.87	0.850B	21
22	1.80 B	0.588B	0.850B	0.907	4.20	0.085	0.075	0.008	0.080	0.332	3.56	0.650B	22
23	1.00 B	0.900B	2.40 B	0.891	2.32	0.088	0.171	0.012	0.077	0.304	2.28	1.05 B	23
24	0.800B	1.35 B	8.68	1.32	1.44	0.081	0.111	0.016	0.088	0.321	1.70	1.92 B	24
25	0.580B	1.20 B	9.10	0.988	1.02	0.084	0.132	0.020	0.111	0.847	1.34	1.05 B	25
26	0.480B	1.03 B	15.7	1.07	0.788	0.068	0.082	0.018	0.087	1.61	1.15	0.740B	26
27	0.440B	0.810B	9.18	1.01	0.850	0.068	0.075	0.018	0.068	1.11	1.13	0.850B	27
28	0.420B	0.840B	4.71	1.07	0.824	0.067	0.088	0.038	0.043	0.755	1.10	13.2 B	28
29	0.400B	0.800B	4.42	1.03	0.438	0.068	0.080	0.039	0.044	0.783	0.826	5.14	29
30	0.440B		4.42	1.18	0.372	0.044	0.104	0.025	0.057	0.881	0.848	2.75 B	30
31	1.30 B		3.48		0.310		0.141	0.021		0.439		1.95 B	31
TOTAL	33.424	33.018	136.380	59.778	26.242	3.507	2.489	1.180	1.818	13.071	80.848	38.089	TOTAL
MEAN	0.756	1.14	4.40	1.99	0.814	0.117	0.080	0.037	0.061	0.422	2.03	1.23	MEAN
MAX	2.70	5.80	15.7	11.4	4.20	0.278	0.337	0.091	0.187	1.61	6.87	13.2	MAX
MIN	0.230	0.500	0.675	0.780	0.310	0.044	0.010	0.008	0.013	0.056	0.270	0.225	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 1.08
MAXIMUM DAILY, 15.7 ON MAR 26
MINIMUM DAILY, 0.008 ON AUG 22
MAXIMUM INSTANTANEOUS,
30.6 AT 03:00 EST ON MAR 26

SUMMARY FOR THE YEAR 1988

TYPE OF GAUGE - RECORDING
LOCATION - LAT 43 12 55 N
LONG 80 41 24 W
DRAINAGE AREA, 149 km²
A - MANUAL GAUGE
B - ICE CONDITIONS
E - ESTIMATED
REGULATED

MONTHLY TOTAL DISCHARGE
IN CUBIC DECAMETRES

JAN	2 020	JUL	213
FEB	2 850	AUG	100
MAR	11 800	SEP	157
APR	5 160	OCT	1 130
MAY	2 180	NOV	5 270
JUN	303	DEC	3 290

TOTAL DISCHARGE, 34 500 dam³

THAMES RIVER AT THAMESVILLE - STATION NO. 02GE003

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1988

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	48.68	23.58	34.38	114	25.2	14.5	5.93	8.01	8.42	7.12	39.8	43.2	1
2	49.58	50.38	32.48	87.0	24.7	12.8	5.87	10.0	8.81	7.38	33.9	41.4	2
3	44.38	166	29.78	76.8	25.5	12.1	6.01	19.1	8.46	7.89	34.1	40.0	3
4	32.48	125	28.58	82.5	23.0	11.1	5.71	15.6	7.16	10.4	33.6	36.8	4
5	27.28	90.2	40.78	110	21.8	11.1	5.78	13.1	12.8	9.32	34.3	35.6	5
6	27.68	64.08	41.88	125	20.4	11.4	5.74	11.6	22.8	8.86	38.1	34.5	6
7	20.48	42.18	37.88	126	18.8	10.7	5.71	11.3	16.7	8.23	43.8	33.5	7
8	21.28	26.88	45.38	121	17.6	10.5	5.59	11.0	13.4	8.49	56.0	33.3	8
9	22.68	23.78	85.68	88.8	17.1	10.2	5.43	8.89	11.1	8.89	63.1	30.2	9
10	22.58	28.18	126	72.5	19.9	9.86	4.79	8.11	9.90	9.26	69.1	27.2	10
11	21.78	28.48	172	63.5	23.5	9.90	5.22	14.5	8.18	10.6	76.8E	25.08	11
12	21.18	28.78	167	56.6	22.4	9.48	5.10	14.8	8.89	15.4	81.0E	23.08	12
13	20.48	27.58	152	50.2	20.1	8.88	5.85	12.6	8.45	31.8	86.0E	21.08	13
14	19.68	26.58	139	41.8	18.0	8.16	6.46	10.4	8.51	53.8	118 E	20.08	14
15	18.28	25.48	116	37.5	16.8	8.09	8.07	9.28	7.81	48.3	140 E	20.28	15
16	19.08	23.58	86.4	35.6	17.4	7.86	5.80	8.78	7.40	39.8	155 E	20.88	16
17	18.88	26.08	73.7	33.1	25.6	7.88	6.89	15.1	7.26	31.3	118	21.08	17
18	18.58	33.08	66.8	31.4	35.8	7.46	18.0	10.8	7.20	28.4	88.7	19.58	18
19	22.18	39.88	61.7	31.7	34.1	7.18	23.0	9.83	7.30	61.2	88.7	18.08	19
20	29.98	42.18	55.4	31.6	28.7	6.96	14.0	8.61	8.94	59.1	69.9	18.88	20
21	43.78	41.98	51.8	30.3	26.4	6.91	10.6	7.26	7.45	50.2	55.5	17.08	21
22	47.08	44.28	47.3	29.2	32.6	6.89	10.8	6.90	7.56	43.5	125	20.28	22
23	57.38	35.18	41.4	28.7	40.3	6.90	11.3	6.58	8.85	43.0	148	32.08	23
24	54.58	37.48	44.3	28.3	41.4	6.36	10.4	6.34	8.26	41.7	122	44.08	24
25	39.88	64.88	81.1	28.1	38.2	6.83	10.3	7.67	11.8	41.5	84.3	76.0	25
26	35.18	60.68	188	27.3	30.3	6.16	8.78	8.24	8.30	45.0	66.8	72.8	26
27	30.68	51.68	238	27.8	25.7	6.16	8.53	8.24	7.92	46.2	57.3	58.4	27
28	26.48	43.08	278	28.1	23.6	6.11	8.87	8.78	7.52	44.3	51.6	84.3	28
29	22.98	37.68	264	29.6	20.5	6.83	11.2	6.56	7.31	52.6	48.4	134	29
30	19.88		179	28.0	18.2	8.02	12.2	8.72	7.27	56.4	46.6	188	30
31	20.08		134		14.7		8.25	8.50		49.8		142	31
TOTAL	824.1	1 336.8	3 122.8	1 701.6	766.8	280.26	287.40	315.82	276.86	989.37	2 284.6	1 387.7	TOTAL
MEAN	29.6	46.1	101	56.7	24.7	8.68	8.63	10.2	9.22	31.3	76.6	45.1	MEAN
MAX	57.3	166	278	126	41.4	14.5	23.0	19.1	22.8	59.1	155	158	MAX
MIN	18.2	23.5	28.5	27.3	14.7	5.93	4.79	6.34	6.42	7.12	33.6	16.8	MIN

SUMMARY FOR THE YEAR 1988

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 37.2
MAXIMUM DAILY, 278 ON MAR 28
MINIMUM DAILY, 4.79 ON JUL 10
MAXIMUM INSTANTANEOUS,
285 AT 18:52 EST ON MAR 28

TYPE OF GAUGE - RECORDING
LOCATION - LAT 42 32 42 N
LONG 81 58 04 W
DRAINAGE AREA, 4 300 km²

B - ICE CONDITIONS
E - ESTIMATED
REGULATED SINCE 1963

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	79 800	JUL	23 100
FEB	116 000	AUG	27 300
MAR	270 000	SEP	23 900
APR	147 000	OCT	83 800
MAY	66 300	NOV	196 000
JUN	22 500	DEC	121 000

TOTAL DISCHARGE, 1 180 000 dam³

THAMES RIVER AT WOODSTOCK - STATION NO. 02GD012

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1988

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	5.16	8.80	0.800	6.98	0.628	0.583	0.502	0.754	0.423	1.01	1.01	0.518	1
2	2.81	6.27	1.35	6.82	0.600	0.583	0.501	0.882	0.422	1.15	1.01	0.827	2
3	1.69	2.88	2.20	6.90	0.580	0.578	0.480	0.877	0.447	1.02	0.887	0.836	3
4	1.47	2.26	2.14	7.42	0.584	0.584	0.463	0.674	0.606	1.21	1.01	0.831	4
5	1.14	1.85	1.90	7.27	0.576	0.571	0.473	0.700	0.467	1.51	1.17	1.90	5
6	1.03	1.52	2.32	7.05	0.582	0.581	0.477	0.711	0.433	1.48	1.26	2.37	6
7	0.949	1.39	4.28	6.74	0.588	0.580	0.465	0.868	0.416	2.41	3.41	1.77	7
8	0.825	1.52	8.28	3.80	0.584	0.581	0.495	0.647	0.426	3.22	6.27	1.40	8
9	0.820	1.46	18.6	3.56	0.602	0.582	0.526	0.604	0.421	3.14	5.77	1.13	9
10	0.883	1.37	13.9	3.82	0.611	0.602	0.552	0.882	0.416	3.20	5.55	0.988	10
11	0.785	1.30	10.0	2.34	0.589	0.601	0.547	0.684	0.411	3.16	5.48	0.888	11
12	0.769	1.30	7.95	1.33	0.586	0.498	0.531A	0.623	0.402	3.01	5.23	0.790	12
13	0.836	1.20	6.17	0.880	0.630	0.502	0.536E	0.656	0.443	2.98	5.25	0.653	13
14	0.731	1.08	4.41	1.02	0.587	0.496	0.590E	0.640	0.408	2.88	5.54	0.383	14
15	0.656	1.55	2.38	1.05	0.742	0.488	0.550E	0.682	0.494	2.80	6.33	0.571	15
16	0.835	2.13	2.30	1.01	1.02	0.482	0.540E	0.640	0.587	2.72	4.86	0.824	16
17	0.884	2.46	2.24	1.01	0.830	0.480	0.540E	0.628	0.588	1.81	4.28	0.833	17
18	2.59	2.28	2.18	1.06	0.788	0.477	0.580E	0.611	0.555	1.24	3.62	0.603	18
19	3.38	2.02	2.11	0.790	0.763	0.471	0.530E	0.607	0.582	1.02	2.73	0.609	19
20	2.89	1.97	2.06	0.603	0.785	0.468	0.472A	0.382	0.563	0.972	2.72	0.842	20
21	3.44	1.81	2.00	0.620	0.844	0.486	0.468	0.432	0.569	0.978	4.32	1.27	21
22	2.41	1.54	1.92	0.593	2.24	0.478	0.525	0.422	0.544	0.978	4.76	1.43	22
23	1.84	2.28	1.88	0.627	3.88	0.476	0.502	0.427	0.535	0.972	4.55	1.80	23
24	1.52	2.71	1.88	0.606	2.88	0.474	0.504	0.445	0.552	1.02	4.02	2.28	24
25	1.26	2.49	2.02	0.587	2.45	0.475	0.478	0.444	0.527	1.00	3.73	2.33	25
26	1.08	2.38	3.02	0.600	2.44	0.471	0.485	0.438	0.513	1.01	2.97	1.85	26
27	0.888	2.01	3.88	0.600	1.85	0.480	0.570	0.426	0.512	1.00	2.64	2.04	27
28	0.813	1.65	5.65	0.603	1.37	0.482	0.540	0.417	0.782	1.06	2.40	7.38	28
29	0.786	1.21	7.56	0.652	1.38	0.494	0.555	0.420	1.01	1.03	2.23	9.77	29
30	1.29		7.51	0.851	1.11	0.525	0.807	0.418	0.986	1.01	1.73	7.35	30
31	3.74		7.24		0.888		0.761	0.417		1.02		4.41	31
TOTAL	50.204	55.62	142.920	76.204	34.258	15.380	16.935	17.840	16.077	53.011	108.837	60.582	TOTAL
MEAN	1.62	2.27	4.61	2.54	1.11	0.513	0.546	0.575	0.536	1.71	3.56	1.95	MEAN
MAX	5.16	8.80	18.6	7.42	3.88	0.583	0.807	0.882	1.01	3.22	6.33	9.77	MAX
MIN	0.635	1.08	0.800	0.587	0.558	0.468	0.465	0.382	0.402	0.972	0.887	0.383	MIN

SUMMARY FOR THE YEAR 1988

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 1.78
MAXIMUM DAILY, 18.6 ON MAR 9
MINIMUM DAILY, 0.383 ON DEC 14
MAXIMUM INSTANTANEOUS,
20.6 AT 20:13 EST ON MAR 9

TYPE OF GAUGE - RECORDING
LOCATION - LAT 43 08 38 N
LONG 80 45 06 W
DRAINAGE AREA, 254 km²
A - MANUAL GAUGE

E - ESTIMATED
REGULATED

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	4 340	JUL	1 460
FEB	5 690	AUG	1 540
MAR	12 300	SEP	1 380
APR	6 580	OCT	4 580
MAY	2 950	NOV	9 230
JUN	1 330	DEC	5 230

TOTAL DISCHARGE, 55 600 dam³

THAMES RIVER NEAR DUTTON - STATION NO. 02GE008

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1988

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	39.5	44.0B	38.3B	97.0	21.3	10.9	5.50	8.11	5.59	6.56	33.5	39.6	1
2	38.7B	103 B	36.0B	77.3	22.9	10.0	5.49	16.2	5.46	6.95	34.0	39.1	2
3	36.3B	110	34.9B	72.8	19.6	9.72	5.36	13.8	5.70	9.13	33.1	35.6	3
4	33.8B	76.5	36.8B	83.1	18.0	9.45	5.24	11.6	6.52	8.13	32.1	34.2	4
5	24.1B	55.9	38.4	124	17.9	9.82	5.24	9.28	22.7	7.58	32.2	33.1	5
6	17.8B	36.8B	33.0	123	18.4	9.26	5.32	8.54	16.1	7.20	37.4	31.7	6
7	16.5B	23.5B	28.6	124	15.0	9.17	5.08	8.85	11.4	7.31	46.7	31.5	7
8	19.9B	20.7B	57.3	88.0	14.3	9.06	4.80	7.45	8.28	7.40	81.0	29.2	8
9	16.7B	22.8B	82.8	74.2	15.7	8.85	4.10	8.84	8.46	7.85	68.3	25.4	9
10	19.0B	24.8B	150	62.8	20.0	8.82	4.15	10.8	7.71	8.87	70.2	22.7	10
11	18.4B	25.1B	170	54.9	19.8	8.61	4.38	19.0	7.24	12.8	79.6	18.6	11
12	17.8B	24.0B	148	48.3	17.2	7.86	6.88	10.7	7.09	24.5	104	18.0B	12
13	17.1B	23.2B	137	40.0	15.6	7.48	8.48	9.07	7.23	48.7	122	17.6B	13
14	15.6B	22.2B	126	32.4	14.0	7.40	5.88	8.18	6.85	52.7	150	18.2B	14
15	16.6B	20.6B	88.4	30.6	13.2	7.07	5.63	7.78	6.38	40.4	163	16.6B	15
16	16.4B	24.5B	74.6	28.3	17.1	7.29	5.07	14.1	6.26	32.6	134	15.8B	16
17	15.2B	28.6B	64.6	26.8	31.0	6.85	13.1	8.73	6.40	23.8	101	15.8B	17
18	19.3B	34.8B	58.1	26.8	32.4	6.73	24.0	8.73	6.54	36.4	72.6	14.9B	18
19	26.1B	36.8B	51.8	27.0	26.8	6.55	12.6	7.75	6.24	80.0	58.6	14.7B	19
20	38.2B	36.8B	47.6	26.6	22.6	6.44	9.23	6.88	6.73	82.8	55.6	15.2B	20
21	41.1B	38.6B	46.8	24.5	23.7	6.41	8.48	8.11	6.85	43.7	101	16.7B	21
22	50.1B	30.7B	38.0	23.6	37.0	6.55	8.38	5.60	6.46	41.5	148	27.8B	22
23	47.8B	32.7B	36.1	23.4	36.0	6.07	8.03	5.40	7.73	41.4	141	28.5B	23
24	34.8B	47.7B	44.4	24.0	38.2	5.45	8.02	5.51	10.4	40.0	88.6	47.0B	24
25	30.7B	52.0B	128	23.3	28.3	5.73	8.84	7.84	8.22	42.0	70.8	58.4	25
26	28.7B	45.1B	203	23.5	23.3	5.83	8.74	7.83	6.87	44.1	58.8	48.3	26
27	23.1B	37.8B	263	25.2	21.4	5.67	7.87	5.82	6.61	43.1	50.2	46.1	27
28	20.0B	33.0B	280	26.5	18.1	5.51	8.54	5.73	6.43	48.8	47.1	35.0	28
29	17.4B	30.0B	214	25.3	14.5	5.50	11.0	5.67	6.38	58.7	44.8	150	29
30	18.3B		143	22.1	12.8	5.51	8.01	5.53	6.40	53.8	42.0	151	30
31	20.5B		123		12.6		7.07	5.48		43.0		123	31
TOTAL	782.0	1 145.3	3 013.9	1 527.8	680.6	235.88	238.72	276.11	239.09	881.30	2 291.3	1 288.7	TOTAL
MEAN	25.2	38.5	97.2	50.9	21.3	7.87	7.73	8.87	7.97	31.0	76.4	41.8	MEAN
MAX	50.1	110	280	124	36.2	10.9	24.0	19.0	22.7	80.0	182	151	MAX
MIN	15.5	20.8	24.9	22.1	12.6	5.50	4.10	5.40	5.46	6.58	32.1	14.7	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 34.8
MAXIMUM DAILY, 280 ON MAR 26
MINIMUM DAILY, 4.10 ON JUL 5
MAXIMUM INSTANTANEOUS,
287 AT 05:45 EST ON MAR 26

SUMMARY FOR THE YEAR 1988

TYPE OF GAUGE - RECORDING
LOCATION - LAT 42 43 51 N
LONG 81 34 43 W
DRAINAGE AREA, 3 780 km²

B - ICE CONDITIONS

REGULATED SINCE 1953

MONTHLY TOTAL DISCHARGE
IN CUBIC DECAMETRES

JAN	67 600	JUL	20 700
FEB	88 000	AUG	23 800
MAR	260 000	SEP	20 700
APR	132 000	OCT	83 000
MAY	57 100	NOV	188 000
JUN	19 800	DEC	111 000

TOTAL DISCHARGE, 1 080 000 dam³

THAMES RIVER NEAR EALING - STATION NO. 02GD001

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1988

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	17.1	36.6 A	9.17	25.5	7.38	4.33	2.63	13.4	2.83	2.83	6.38	10.7	1
2	12.1 A	32.7 A	8.46	24.5	6.61	4.31	2.57	8.74	2.81	3.78	6.86	9.06	2
3	10.8 A	30.4 A	18.5	26.6 E	6.14	4.00	2.58	6.14	3.85	4.04	6.41	8.38	3
4	8.83A	16.1 A	15.8	46.1 E	5.78	3.77	2.60	4.73	5.61	3.41	5.46	7.85	4
5	6.84A	11.0 A	12.8	42.2	5.64	3.60	2.85	4.41	6.63	3.28	7.60	6.81	5
6	5.48A	6.50A	15.4	32.5	5.32	3.63	2.48	4.62	4.90	3.47	14.7	6.24	6
7	7.01A	7.64A	24.3	28.2	4.87	3.59	2.43	4.12	3.84	3.40	19.6	6.40	7
8	6.68A	8.88A	39.0	23.2	4.61	3.45	2.43	3.78	3.35	3.81	23.1	7.40	8
9	6.25A	9.14A	71.6	19.6	5.12	3.56	2.29	3.54	3.18	4.80	26.3	6.60	9
10	5.84A	8.84A	77.0	16.6	5.80	3.38	2.36	6.48	2.93	6.21	26.6	6.70B	10
11	5.58A	8.08A	48.6	15.3	6.00	3.27	3.12	5.14	2.84	12.1	26.7	5.00B	11
12	5.84A	7.64A	38.7	12.7	5.08	3.21	2.84	4.06	2.84	16.1	22.1	5.10B	12
13	5.92	7.16A	32.3	10.9	4.63	3.21	2.84	3.82	2.80	11.4	31.0	5.36	13
14	5.58	6.60A	26.9	10.2	4.65	3.14	2.55	3.73	2.90	8.80	48.8	5.74	14
15	5.08	6.56A	20.4	10.2	5.71	2.98	2.88	5.45	2.81	7.30	31.2	6.31	15
16	5.01A	12.6 A	16.6	9.43	13.0	2.89	4.58	3.89	2.85	6.48	24.7	4.84	16
17	5.81A	14.3 A	14.7	8.86	15.8	2.82	10.1	3.83	2.73	6.35	21.3	4.58	17
18	10.7 A	13.1 A	14.1	9.68	11.4	2.94	7.37	3.56	2.74	14.8	17.6	4.46	18
19	15.1 A	12.3 A	13.7	9.28	9.00	2.76	4.67	3.30	2.84	19.3	16.2	4.68	19
20	13.0 A	14.1 A	13.2	8.82	8.10	2.88	3.78	3.15	2.77	13.9	17.2	8.58	20
21	14.5 A	12.3 A	11.9	8.80	17.0	2.78	3.38	3.03	2.76	11.4	47.0	13.4	21
22	12.3 A	12.7 A	11.1	8.52	17.1	2.89	3.60	2.85	2.76	10.5	40.1	11.4	22
23	9.63A	23.5 A	11.8	8.43	15.2	3.01	3.88	3.28	3.67	10.0	27.8	15.7	23
24	8.46A	28.6 A	33.2	8.92	13.3	2.80	3.67	3.83	3.32	10.0	22.0	21.4	24
25	7.42A	20.0 E	37.6	8.04	10.4	2.88	3.88	3.78	2.95	11.1	18.1	18.1	25
26	7.57A	13.8 A	71.5	7.38	8.67	2.83	3.72	3.48	2.80	10.5	15.8	12.7	26
27	6.66A	12.3	81.5	7.03	7.76	2.82	4.61	3.21	2.78	8.41	14.4	14.8	27
28	5.58A	11.0	38.8	7.12	8.43	2.86	4.27	3.08	2.69	7.85	13.5	57.8	28
29	5.81A	10.2	34.1	7.11	5.36	2.84	4.03	3.04	2.86	8.25	12.4	54.2	29
30	6.94A		34.7	7.57	5.00	2.83	3.68	2.86	2.80	7.26	11.3	35.0	30
31	18.7 A		30.7		4.89		5.76	2.82		6.33		26.4	31
TOTAL	288.50	405.73	910.73	471.60	261.88	95.30	115.56	135.63	87.03	257.12	818.89	408.16	TOTAL
MEAN	8.60	14.0	29.4	15.7	8.12	3.18	3.73	4.38	3.23	8.29	30.6	13.2	MEAN
MAX	18.7	36.6	77.0	46.1	17.1	4.33	10.1	13.4	6.63	19.3	47.0	57.8	MAX
MIN	4.84	6.50	8.17	7.03	4.89	2.63	2.29	2.82	2.85	2.83	5.41	4.46	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 11.0
MAXIMUM DAILY, 77.0 ON MAR 10
MINIMUM DAILY, 2.29 ON JUL 9
MAXIMUM INSTANTANEOUS,
83.7 AT 08:46 EST ON MAR 10

SUMMARY FOR THE YEAR 1988

TYPE OF GAUGE - RECORDING
LOCATION - LAT 42 58 31 N
LONG 81 12 35 W
DRAINAGE AREA, 1 340 km²
A - MANUAL GAUGE
B - ICE CONDITIONS
E - ESTIMATED
REGULATED SINCE 1967

MONTHLY TOTAL DISCHARGE
IN CUBIC DECAMETRES

JAN	23 000	JUL	9 880
FEB	35 100	AUG	11 700
MAR	78 700	SEP	8 380
APR	40 700	OCT	22 200
MAY	21 700	NOV	53 300
JUN	8 230	DEC	35 300

TOTAL DISCHARGE, 348 000 dam³

THAMES RIVER NEAR TAVISTOCK - STATION NO. 02GD023

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1988

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	0.150B	1.85	0.150B	0.513	0.144	0.072E	0.007	0.013	0.011	0.010	0.088	0.205	1
2	0.130B	0.710B	0.170B	0.463	0.126	0.062E	0.006	0.011	0.008	0.022	0.076	0.189	2
3	0.110B	0.380B	0.200B	3.56	0.117	0.055E	0.005	0.008	0.022	0.026	0.067	0.185	3
4	0.092B	0.300B	0.185B	3.01	0.107	0.049E	0.007	0.063	0.053	0.022	0.068	0.170B	4
5	0.078B	0.240B	0.165B	1.16	0.102	0.043E	0.008	0.004	0.048	0.020	0.235	0.158	5
6	0.072B	0.180B	0.201B	0.713	0.095	0.038E	0.008	0.005	0.025	0.018	0.745	0.157	6
7	0.066B	0.150B	0.912B	0.505	0.088	0.034E	0.004	0.003	0.027	0.018	0.453	0.152	7
8	0.060B	0.140B	2.44 B	0.382	0.088	0.031E	0.006	0.001	0.022	0.018	0.585	0.141	8
9	0.058B	0.132B	4.63	0.286	0.094	0.027E	0.004	0.002	0.018	0.017	0.580	0.118B	9
10	0.057B	0.126B	2.27	0.241	0.123	0.025E	0.003	0.001	0.010	0.030	1.74	0.085B	10
11	0.056B	0.123B	1.64	0.207	0.105	0.023	0.008	0.002	0.011	0.445	1.13	0.070B	11
12	0.055B	0.121B	1.18	0.188	0.098	0.020	0.005	0.003	0.013	0.188	0.467	0.058B	12
13	0.054B	0.119B	0.883	0.177	0.094	0.018	0.004	0.003	0.017	0.091	1.86	0.061B	13
14	0.053B	0.118B	0.688	0.185	0.087	0.012	0.001	0.004	0.017	0.085	1.27	0.064B	14
15	0.058B	0.270B	0.398	0.218	0.088	0.008	0.001	0.005	0.011	0.048	0.537	0.063B	15
16	0.085B	0.280B	0.322	0.184	0.453	0.008	0.008	0.004	0.005	0.038	0.388	0.080B	16
17	0.100B	0.240B	0.288	0.175	0.446	0.012	0.032	0.002	0.013	0.038	0.355	0.088B	17
18	0.850B	0.180B	0.285	0.215	0.260	0.010	0.015	0.002	0.018	0.138	0.222	0.081B	18
19	0.780B	0.180B	0.284	0.188	0.218	0.008	0.008	0.001	0.018	0.138	0.184	0.058B	19
20	0.500B	0.148B	0.275	0.182	0.198	0.008	0.004	0.002	0.013	0.098	0.887	0.100B	20
21	0.300B	0.141B	0.280B	0.241	0.313	0.008	0.008	0.001	0.012	0.078	2.18	0.210B	21
22	0.180B	0.137B	0.270B	0.207	0.589	0.008	0.015	0.001	0.012	0.076	0.934	0.150B	22
23	0.140B	0.200B	1.10 B	0.308	0.321	0.011	0.020	0.004	0.030	0.073	0.613	0.420B	23
24	0.120B	0.285B	2.62	0.263	0.206	0.012	0.028	0.008	0.017	0.091	0.448	0.331	24
25	0.110B	0.300B	3.80 A	0.215	0.155	0.011	0.031	0.012	0.010	0.684	0.352	0.188B	25
26	0.108B	0.196B	3.85	0.188	0.128	0.009	0.016	0.020	0.007	0.500	0.280	0.154B	26
27	0.105B	0.180B	1.76	0.173	0.110	0.009	0.013	0.018	0.008	0.282	0.312	0.900B	27
28	0.102B	0.165B	0.850	0.165	0.097	0.007	0.011	0.019	0.010	0.183	0.278	3.89	28
29	0.100B	0.155B	0.696	0.160	0.090	0.007	0.008	0.016	0.008	0.158	0.234	1.03	29
30	0.500B		0.936	0.165	0.083	0.008	0.008	0.015	0.008	0.120	0.218	0.440B	30
31	1.45 B		0.839		0.079		0.018	0.011		0.088		0.280B	31
TOTAL	7.059	7.748	34.277	14.883	5.313	0.649	0.320	0.203	0.504	3.834	17.573	10.198	TOTAL
MEAN	0.228	0.267	1.11	0.496	0.171	0.022	0.010	0.007	0.017	0.124	0.585	0.328	MEAN
MAX	1.45	1.85	4.63	3.56	0.589	0.072	0.032	0.020	0.053	0.684	2.18	3.89	MAX
MIN	0.053	0.118	0.150	0.150	0.079	0.006	0.001	0.001	0.006	0.010	0.088	0.056	MIN

SUMMARY FOR THE YEAR 1988

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 0.260
MAXIMUM DAILY, 4.63 ON MAR 9
MINIMUM DAILY, 0.001 ON JUL 14
MAXIMUM INSTANTANEOUS,
8.27 AT 19:25 EST ON MAR 25

TYPE OF GAUGE - RECORDING
LOCATION - LAT 43 16 17 N
LONG 80 51 00 W
DRAINAGE AREA, 34.2 km²
A - MANUAL GAUGE
B - ICE CONDITIONS
E - ESTIMATED
NATURAL FLOW

MONTHLY TOTAL DISCHARGE
IN CUBIC DECAMETRES

JAN	810	JUL	27.8
FEB	889	AUG	17.5
MAR 2	950	SEP	43.5
APR 1	290	OCT	331
MAY	459	NOV 1	520
JUN	56.1	DEC	881

TOTAL DISCHARGE, 8 880 dam³

TRENT CANAL LOCK 42 NEAR WASHAGO - STATION NO. 02EC018

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1988

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	0	0	0	[illegible]	0	0	0	0	0	0	0	0	1
2	0	0	0	[illegible]	0	0	0	0	0	0	0	0	2
3	0	0	0	[illegible]	0	0	0	0	0	0	0	0	3
4	0	0	0	[illegible]	0	0	0	0	0	0	0	0	4
5	0	0	0	[illegible]	0	0	0	0	0	0	0	0	5
6	0	0	0	0	0	0	0	0	0	0	0	0	6
7	0	0	0	0	0	0	0	0	0	0	0	0	7
8	0	0	0	0	0	0	0	0	0	0	0	0	8
9	0	0	0	0	0	0	0	0	0	0	0	0	9
10	0	0	0	0	0	0	0	0	0	0	0	0	10
11	0	0	0	0	0	0	0	0	0	0	0	0	11
12	0	0	0	0	0	0	0	0	0	0	0	0	12
13	0	0	0	0	0	0	0	0	0	0	0	0	13
14	0	0	0	0	0	0	0	0	0	0	0	0	14
15	0	0	0	0	0	0	0	0	0	0	0	0	15
16	0	0	0	0	0	0	0	0	0	0	0	0	16
17	0	0	0	0	0	0	0	0	0	0	0	0	17
18	0	0	0	0	0	0	0	0	0	0	0	0	18
19	0	0	0	0	0	0	0	0	0	0	0	0	19
20	0	0	0	0	0	0	0	0	0	0	0	0	20
21	0	0	0	0	0	0	0	0	0	0	0	0	21
22	0	0	0	0	0	0	0	0	0	0	0	0	22
23	0	0	0	0	0	0	0	0	0	0	0	0	23
24	0	0	0	0	0	0	0	0	0	0	0	0	24
25	0	0	0	0	0	0	0	0	0	0	0	0	25
26	0	0	0	0	0	0	0	0	0	0	0	0	26
27	0	0	0	0	0	0	0	0	0	0	0	0	27
28	0	0	0	0	0	0	0	0	0	0	0	0	28
29	0	0	0	0	0	0	0	0	0	0	0	0	29
30	0		0	0	0	0	0	0	0	0	0	0	30
31	0		0		0		0	0		0		0	31
TOTAL	0	0	0	0	0	0	0	0	0	0	0	0	TOTAL
MEAN	0	0	0	0	0	0	0	0	0	0	0	0	MEAN
MAX	0	0	0	0	0	0	0	0	0	0	0	0	MAX
MIN	0	0	0	0	0	0	0	0	0	0	0	0	MIN

SUMMARY FOR THE YEAR 1988

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 0
MAXIMUM DAILY, 0 ON JAN 1
MINIMUM DAILY, 0 ON JAN 1

TYPE OF GAUGE - MANUAL
LOCATION - LAT 44 45 11 N
LONG 79 21 01 W

MONTHLY TOTAL DISCHARGE
IN CUBIC DECAMETRES

JAN	0	JUL	0
FEB	0	AUG	0
MAR	0	SEP	0
APR	0	OCT	0
MAY	0	NOV	0
JUN	0	DEC	0

TOTAL DISCHARGE, 0 dam³

DATA CONTRIBUTED BY -
PARKS CANADA (DOE) (CANADA)

REGULATED

TRENT RIVER AT GLEN ROSS - STATION NO. 02HK004

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1988

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	1688	169	84.0B	198	223	109	31.5	35.8	14.8	27.7	56.5	114	1
2	1618	186	80.4	187	187	89.2	29.7	32.8	13.7	30.4	51.4	87.1	2
3	156	1988	103 B	200	175	78.5	27.8	30.1	14.0	44.1	44.2	88.1	3
4	1408	1808	104 B	243	148	85.8	25.6	18.6	14.2	47.5	41.0	88.3	4
5	1318	1808	104 B	289	127	51.8	22.3	16.6	19.3	47.5	41.4	88.8	5
6	1228	1478	104	305	123	43.7	21.4	16.5	28.4	45.2	48.7	71.3	6
7	1158	1388	104	358	126	35.8	18.0	14.8	33.7	40.3	51.8	87.4	7
8	1108	1338	95.6	382	127	28.3	11.8	14.1	33.3	38.8	78.6	77.3	8
9	1068	1288	83.8	363	115	25.6	11.1	13.8	42.5	40.8	88.1	83.0B	9
10	1068	1278	100	383	108	24.1	12.3	13.8	39.6	42.6	103	89.5B	10
11	1088	1268	105	381	107	20.4	14.5	13.8	34.0	45.6	112	87.0B	11
12	1118	1238	107	381	98.8	17.8	16.2	13.8	31.4	47.9	118	86.0B	12
13	1138	1228	103	362	88.8	18.7	17.6	12.6	24.3	50.1	119	86.0B	13
14	1078	1208	98.4	363	88.2	18.0	18.2	13.2	20.2	53.8	178	87.0B	14
15	1068	1188	94.7	388	88.8	18.4	18.7	12.8	17.8	53.5	222	88.0B	15
16	1068	1188	84.3	418	88.7	17.7	19.0	13.8	14.0	54.1	218	86.0B	16
17	1068	118	82.5B	412	140	18.8	20.0	18.4	13.5	55.2	208	84.0B	17
18	1068	117	81.5B	387	185	22.8	23.6	18.2	13.8	58.7	202	83.0B	18
19	1088	116	81.0B	387	208	25.3	25.4	18.3	14.0	53.7	203	87.0B	19
20	1128	1158	80.5B	385	220	24.7	23.0	18.9	18.1	52.3	205	82.0B	20
21	132	1208	80.0B	372	227	24.3	19.8	16.7	21.8	57.2	207	85.0B	21
22	130	1288	83.0B	344	222	28.7	16.6	13.5	35.2	64.8	198	83.0B	22
23	122	111	78.5	301	215	24.8	15.0	12.3	62.2	66.5	185	88.0B	23
24	1188	1048	118	185	191	23.5	17.7	14.5	55.7	89.5	182	76.0	24
25	1368	1108	181	158	178	25.4	18.8	20.8	38.3	87.8	181	72.2	25
26	1348	115	288	180	175	24.8	24.1	27.3	38.2	73.8	192	82.8	26
27	1248	113	238	200	140	25.2	31.2	28.4	33.3	67.3	181	83.1	27
28	1148	108	317	226	84.8	27.0	33.7	23.6	26.7	78.3	173	108	28
29	116	108	291	222	88.4	28.5	31.0	21.5	26.0	70.9	158	127	29
30	114		276	224	76.3	31.8	33.0	19.8	24.7	67.8	130	138	30
31	128		223		85.2		32.0	18.1		67.1		136	31
TOTAL	3 765	3 785	4 222.4	8 500	4 482.9	1 022.1	678.9	556.5	817.8	1 718.3	4 198.6	2 480.0	TOTAL
MEAN	131	131	136	283	144	34.1	21.8	18.0	27.3	55.4	139	78.4	MEAN
MAX	188	186	338	418	227	109	33.7	35.8	62.2	89.5	222	139	MAX
MIN	105	104	78.5	185	85.4	18.0	11.1	12.3	13.5	27.7	41.0	82.0	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 86.8
MAXIMUM DAILY, 418 ON APR 16
MINIMUM DAILY, 11.1 ON JUL 9
MAXIMUM INSTANTANEOUS,
418 AT 07:48 EST ON APR 16

SUMMARY FOR THE YEAR 1988

TYPE OF GAUGE - RECORDING
LOCATION - LAT 44 15 50 N
LONG 77 38 10 W
DRAINAGE AREA, 12 000 km²

B - ICE CONDITIONS

REGULATED

MONTHLY TOTAL DISCHARGE
IN CUBIC DECAMETRES

JAN	325 000	JUL	58 700
FEB	327 000	AUG	48 300
MAR	385 000	SEP	70 700
APR	734 000	OCT	148 000
MAY	385 000	NOV	380 000
JUN	88 300	DEC	213 000

TOTAL DISCHARGE, 3 120 000 dam³

TRENT RIVER AT HEALEY FALLS - STATION NO. 02HK002

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1988

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	131	139	83.4	95.6	184	52.9	27.6	28.8	13.4	28.8	37.4	84.0	1
2	129	155	99.4	96.7	144	48.5	26.7	30.2	13.6	28.8	37.4	77.3	2
3	133	156	97.6	98.0	138	46.5	25.8	30.8	13.6	36.7	36.4	70.7	3
4	131	149	91.5	98.5	124	42.6	21.6	17.8	16.4	40.8	32.0	88.4	4
5	120	143	90.6	97.4	107	35.2	18.8	14.3	20.7	40.8	32.0	88.3	5
6	108	135	85.3	145	104	30.6	14.0	13.5	29.3	40.8	32.0	88.3	6
7	102	128	80.0	148	103	21.5	11.3	13.5	32.2	40.8	36.0	88.4	7
8	97.3	123	82.3	148	103	14.1	11.3	13.5	36.6	40.8	42.4	88.8	8
9	97.3	123	84.7	149	89.7	16.1	13.0	13.5	33.5	40.8	58.8	82.8	9
10	100	111	72.8	180	81.6	16.1	16.1	13.4	28.9	39.0	71.6	89.5	10
11	101	99.7	77.6	183	79.0	16.1	17.5	12.7	27.5	38.4	72.6	89.3	11
12	100	100	70.7	188	84.0	16.1	17.6	12.2	24.8	43.1	72.8	89.3	12
13	99.3	101	70.7	201	43.4	13.3	17.7	12.2	21.6	46.3	74.0	89.3	13
14	98.7	101	72.0	222	35.6	12.5	17.6	12.4	22.3	46.4	101	89.6	14
15	98.3	101	75.4	273	38.9	13.1	17.7	15.6	18.4	46.5	148	89.1	15
16	97.3	101	71.7	282	82.1	15.6	18.0	18.3	14.3	46.3	151	86.3	16
17	97.5	101	71.2	265	116	19.7	19.3	20.7	14.3	46.1	147	84.8	17
18	98.1	100	78.1	248	183	21.1	23.6	18.5	14.7	43.0	145	84.6	18
19	98.9	100	73.3	211	189	21.4	18.4	15.7	17.2	42.6	145	83.6	19
20	113	101	72.7	183	184	21.4	15.6	14.7	22.6	46.8	148	82.2	20
21	124	98.6	72.4	180	188	21.0	15.7	13.0	30.3	46.6	148	83.8	21
22	122	97.0	72.8	183	187	18.0	15.8	10.7	33.4	47.2	147	80.6	22
23	126	93.7	75.8	140	188	20.6	15.7	13.0	40.0	48.3	131	86.5	23
24	127	89.2	83.4	137	144	21.0	15.8	17.2	38.6	47.6	118	84.3	24
25	136	92.6	122	136	130	18.9	20.4	25.6	39.4	33.1	120	88.0	25
26	137	95.7	174	133	114	23.8	23.8	24.1	40.6	40.6	118	88.2	26
27	136	96.3	189	146	88.6	25.8	25.6	18.4	34.3	43.2	117	87.6	27
28	129	98.6	182	154	83.0	26.7	26.6	15.8	29.4	46.6	111	76.3	28
29	123	97.0	182	157	86.8	27.0	25.7	16.1	20.6	43.3	98.0	88.7	29
30	126		136	157	85.6	28.0	23.8	16.0	28.6	43.2	87.4	85.7	30
31	128		108		85.6		28.0	14.3		42.3		83.2	31
TOTAL	3 883.7	3 224.4	3 883.6	5 150.2	3 177.8	735.0	613.0	506.3	773.0	1 387.6	3 803.3	3 068.5	TOTAL
MEAN	115	111	85.6	172	103	24.3	19.8	16.3	25.8	41.9	93.4	88.4	MEAN
MAX	137	156	189	282	189	52.9	28.0	28.8	40.8	46.3	151	85.7	MAX
MIN	97.3	89.2	82.3	85.8	35.8	12.5	11.3	10.7	13.4	23.1	32.0	80.6	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 73.4
MAXIMUM DAILY, 282 ON APR 16
MINIMUM DAILY, 10.7 ON AUG 22

SUMMARY FOR THE YEAR 1988

TYPE OF GAUGE - RECORDING
LOCATION - LAT 44 22 14 N
LONG 77 46 42 W
DRAINAGE AREA, 9 090 km²

REGULATED

MONTHLY TOTAL DISCHARGE
IN CUBIC DECAMETRES

JAN	308 000	JUL	53 000
FEB	278 000	AUG	43 700
MAR	258 000	SEP	66 800
APR	446 000	OCT	112 000
MAY	275 000	NOV	262 000
JUN	62 800	DEC	176 000

TOTAL DISCHARGE, 2 320 000 dam³

REMARKS - DAILY DISCHARGES ARE A TOTAL OF ONT. HYDRO RECORDS AT HEALEY FALLS PLUS RECORDED SPILLWAY RECORDS

TRIBUTARY TO PERCH LAKE INLET NO. 2 NEAR CHALK RIVER - STATION NO. 02KA009

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1988

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	0.008	0.005	0.001	0.019	---	---	---	---	---	---	---	---	1
2	0.007	0.005	0.001	0.024	---	---	---	---	---	---	---	---	2
3	0.007	0.005	0.001	0.036	---	---	---	---	---	---	---	---	3
4	0.006	0.004	0.001	0.069	---	---	---	---	---	---	---	---	4
5	0.006	0.004	0.001	0.068	---	---	---	---	---	---	---	---	5
6	0.006	0.003	0.001	0.128	---	---	---	---	---	---	---	---	6
7	0.006	0.003	0.002	0.128	---	---	---	---	---	---	---	---	7
8	0.006	0.003	0.002	0.107	---	---	---	---	---	---	---	---	8
9	0.006	0.003	0.002	0.081	---	---	---	---	---	---	---	---	9
10	0.005	0.003	0.002	0.076	---	---	---	---	---	---	---	---	10
11	0.004	0.002	0.001	0.070	---	---	---	---	---	---	---	---	11
12	0.004	0.002	0.002	---	---	---	---	---	---	---	---	---	12
13	0.004	0.003	0.002	---	---	---	---	---	---	---	---	---	13
14	0.004	0.002	0.002	---	---	---	---	---	---	---	---	---	14
15	0.004	0.002	0.002	---	---	---	---	---	---	---	---	---	15
16	0.004	0.002	0.002	---	---	---	---	---	---	---	---	---	16
17	0.004	0.002	0.002	---	---	---	---	---	---	---	---	---	17
18	0.005	0.002	0.002	---	---	---	---	---	---	---	---	---	18
19	0.005	0.002	0.002	---	---	---	---	---	---	---	---	---	19
20	0.005	0.002	0.002	---	---	---	---	---	---	---	---	---	20
21	0.005	0.002	0.002	---	---	---	---	---	---	---	---	---	21
22	0.005	0.002	0.002	---	---	---	---	---	---	---	---	---	22
23	0.005	0.001B	0.002	---	---	---	---	---	---	---	---	---	23
24	0.005	0.001B	0.003	---	---	---	---	---	---	---	---	---	24
25	0.005	0.002	0.004	---	---	---	---	---	---	---	---	---	25
26	0.005	0.002B	0.005	---	---	---	---	---	---	---	---	---	26
27	0.005	0.002	0.012	---	---	---	---	---	---	---	---	---	27
28	0.004	0.002	0.010	---	---	---	---	---	---	---	---	---	28
29	0.004	0.001	0.008	---	---	---	---	---	---	---	---	---	29
30	0.004		0.013	---	---	---	---	---	---	---	---	---	30
31	0.004		0.018		---		---	---		---		---	31
TOTAL	0.154	0.074	0.114	---	---	---	---	---	---	---	---	---	TOTAL
MEAN	0.005	0.003	0.004	---	---	---	---	---	---	---	---	---	MEAN
MAX	0.008	0.005	0.018	---	---	---	---	---	---	---	---	---	MAX
MIN	0.004	0.001	0.001	---	---	---	---	---	---	---	---	---	MIN

SUMMARY FOR THE YEAR 1988

TYPE OF GAUGE - RECORDING
LOCATION - LAT 46 02 32 N
LONG 77 22 56 W
DRAINAGE AREA, 3.86 km²

B - ICE CONDITIONS

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	13.3	JUL	---
FEB	6.38	AUG	---
MAR	9.85	SEP	---
APR	---	OCT	---
MAY	---	NOV	---
JUN	---	DEC	---

REMARKS - DISCHARGES TO FOUR SIGNIFICANT FIGURES AVAILABLE FROM REGIONAL OFFICE. STATION DISCONTINUED APR 12 1988

TRIBUTARY TO WYE RIVER BELOW ELMVALE - STATION NO. 02ED016

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1988

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	---	---	---	---	---	---	0	0	0	0.001	0.041	0.027	1
2	---	---	---	---	---	---	0	0	0	0.002	0.071	0.028	2
3	---	---	---	---	---	---	0	0	0	0.002	0.074	0.026	3
4	---	---	---	---	---	---	0	0	0	0.005	0.064	0.020	4
5	---	---	---	---	---	---	0	0	0	0.013	0.052	0.017	5
6	---	---	---	---	---	---	0	0	0	0.021	0.086	0.017	6
7	---	---	---	---	---	---	0	0	0.003	0.015	0.151	0.018	7
8	---	---	---	---	---	---	0	0	0.003	0.011	0.107	0.018	8
9	---	---	---	---	---	---	0	0	0.003	0.008	0.138	0.014	9
10	---	---	---	---	---	---	0	0	0.003	0.007	0.288	0.013	10
11	---	---	---	---	---	---	0	0	0.002	0.007	0.414	0.0128	11
12	---	---	---	---	---	---	0	0	0.002	0.012	0.278	0.0118	12
13	---	---	---	---	---	---	0	0	0.002	0.022	0.205	0.0118	13
14	---	---	---	---	---	---	0	0	0.002	0.023	0.203	0.0108	14
15	---	---	---	---	---	---	0	0	0.001	0.017	0.145	0.0088	15
16	---	---	---	---	---	---	0	0	0.001	0.014	0.113	0.0088	16
17	---	---	---	---	---	---	0	0	0.001	0.013	0.089	0.0088	17
18	---	---	---	---	---	---	0	0	0.001	0.014	0.088	0.0088	18
19	---	---	---	---	---	---	0	0	0.001	0.017	0.088	0.0088	19
20	---	---	---	---	---	---	0	0	0.001	0.021	0.083	0.0308	20
21	---	---	---	---	---	---	0	0	0.001	0.020	0.080	0.1808	21
22	---	---	---	---	---	---	0	0	0.001	0.016	0.100	0.157	22
23	---	---	---	---	---	---	0	0	0.001	0.014	0.077	0.094	23
24	---	---	---	---	---	0 A	0	0	0.001	0.015	0.080	0.083	24
25	---	---	---	---	---	0.001E	0	0	0.001	0.017	0.080	0.072	25
26	---	---	---	---	---	0.001E	0	0	0.001	0.020	0.062	0.092	26
27	---	---	---	---	---	0.001E	0	0	0.002	0.021	0.037	0.059	27
28	---	---	---	---	---	0.001A	0	0	0.002	0.023	0.033	0.077	28
29	---	---	---	---	---	0	0	0	0.001	0.021	0.030	0.145	29
30	---		---	---	---	0	0	0	0.001	0.024	0.028	0.094	30
31	---		---		---		0	0		0.026		0.0888	31
TOTAL	---	---	---	---	---	---	0	0	0.038	0.483	3.337	1.410	TOTAL
MEAN	---	---	---	---	---	---	0	0	0.001	0.015	0.108	0.045	MEAN
MAX	---	---	---	---	---	---	0	0	0.003	0.026	0.414	0.180	MAX
MIN	---	---	---	---	---	---	0	0	0	0.001	0.028	0.008	MIN

SUMMARY FOR THE YEAR 1988

TYPE OF GAUGE - RECORDING
LOCATION - LAT 44 35 33 N
LONG 79 53 15 W
DRAINAGE AREA, 15.3 km²
A - MANUAL GAUGE
B - ICE CONDITIONS
E - ESTIMATED
NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	---	JUL	0
FEB	---	AUG	0
MAR	---	SEP	3.26
APR	---	OCT	40.0
MAY	---	NOV	280
JUN	---	DEC	122

REMARKS - STATION ACTIVATED JUN 1988

TROUT CREEK NEAR FAIRVIEW - STATION NO. 02ED019

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1988

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	0.187	3.44	0.230B	0.882	0.205	0.078	0.033	0.032	0.016	0.044	0.181	0.278	1
2	0.189	1.13	0.225B	0.885	0.175	0.078	0.031	0.030	0.018	0.054	0.128	0.227	2
3	0.140	0.796	0.220B	5.19	0.159	0.073	0.031	0.029	0.032	0.055	0.105	0.216	3
4	0.120B	0.400B	0.218B	5.24	0.151	0.086	0.030	0.029	0.080	0.058	0.089	0.188	4
5	0.094B	0.230B	0.213B	1.84	0.138	0.084	0.030	0.033	0.046	0.056	0.386	0.182	5
6	0.088B	0.210B	0.220B	1.11	0.128	0.082	0.028	0.035	0.031	0.053	1.82	0.173	6
7	0.085B	0.185B	0.400B	0.745	0.112	0.083	0.026	0.030	0.021	0.053	1.22	0.184	7
8	0.082B	0.185B	1.10 B	0.503	0.108	0.083	0.029	0.030	0.018	0.054	1.33	0.140	8
9	0.078B	0.180B	4.88 B	0.398	0.128	0.083	0.029	0.028	0.015	0.057	1.37	0.1188	9
10	0.078B	0.175B	4.49	0.322	0.210	0.087	0.028	0.029	0.014	0.082	2.82	0.1108	10
11	0.074B	0.174B	3.46	0.258	0.181	0.048	0.030	0.030	0.013	1.36	2.05	0.0908	11
12	0.078B	0.173B	2.43	0.223	0.131	0.048	0.030	0.031	0.014	0.889	1.05	0.0878	12
13	0.074B	0.172B	1.28	0.188	0.128	0.047	0.028	0.028	0.020	0.926	2.48	0.0788	13
14	0.072B	0.170B	0.801	0.211	0.118	0.045	0.028	0.028	0.018	0.114	2.00	0.0898	14
15	0.071B	0.300B	0.631	0.242	0.128	0.044	0.026	0.026	0.018	0.072	1.02	0.107	15
16	0.070B	0.380B	0.482	0.304	0.874	0.042	0.028	0.020	0.018	0.047	0.775	0.088	16
17	0.160B	0.335B	0.406	0.195	0.921	0.038	0.064	0.018	0.024	0.038	0.787	0.082	17
18	1.35 B	0.280B	0.365	0.242	0.448	0.040	0.054	0.018	0.022	0.398	0.573	0.084	18
19	0.880B	0.260B	0.357	0.210	0.294	0.040	0.041	0.015	0.325	0.331	0.448	0.082	19
20	1.30 B	0.240B	0.307	0.191	0.233	0.038	0.032	0.018	0.028	0.201	0.878	0.215	20
21	1.25 B	0.220B	0.234	0.328	0.286	0.039	0.031	0.015	P 028	0.130	3.07	0.704	21
22	0.500B	0.215B	0.211	0.284	0.421	0.043	0.030	0.015	0.028	0.121	1.22	0.3098	22
23	0.290B	0.380B	1.81	0.447	0.272	0.044E	0.031	0.016	0.032	0.110	0.830	0.800	23
24	0.213	0.340B	5.24	0.513	0.189	0.042E	0.032	0.018	0.038	0.203	0.620	0.770	24
25	0.176	0.310B	5.83	0.328	0.158	0.041E	0.036	0.020	0.026	1.77	0.485	0.4128	25
26	0.140	0.270B	5.61	0.287	0.134	0.040E	0.035	0.017	0.028	1.40	0.407	0.3628	26
27	0.133	0.260B	2.72	0.229	0.118	0.038E	0.031	0.014	0.027	0.818	0.418	0.8718	27
28	0.109	0.250B	1.37	0.218	0.100	0.036E	0.029	0.013	0.031	0.800	0.358	5.04	28
29	0.097	0.240B	1.46	0.203	0.093	0.034E	0.027	0.013	0.031	0.527	0.287	1.85	29
30	0.472		1.31	0.223	0.088	0.033E	0.026	0.014	0.033	0.293	0.280	0.9678	30
31	1.82		0.878		0.078		0.029	0.014		0.181		0.8288	31
TOTAL	10.877	11.800	49.878	22.784	8.887	1.488	0.998	0.704	0.783	10.124	29.388	14.818	TOTAL
MEAN	0.344	0.410	1.60	0.759	0.222	0.050	0.032	0.023	0.026	0.327	0.978	0.471	MEAN
MAX	1.82	3.44	5.81	5.19	0.921	0.078	0.064	0.035	0.080	1.77	3.07	5.04	MAX
MIN	0.070	0.170	0.211	0.181	0.078	0.033	0.026	0.013	0.013	0.039	0.088	0.087	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 0.437
MAXIMUM DAILY, 5.19 ON APR 3
MINIMUM DAILY, 0.013 ON AUG 28
MAXIMUM INSTANTANEOUS,
12.9 AT 15:27 EST ON APR 3

SUMMARY FOR THE YEAR 1988

TYPE OF GAUGE - RECORDING
LOCATION - LAT 43 17 43 N
LONG 80 58 27 W
DRAINAGE AREA, 36.0 km²

B - ICE CONDITIONS
E - ESTIMATED
NATURAL FLOW

MONTHLY TOTAL DISCHARGE
IN CUBIC DECAMETRES

JAN	922	JUL	86.1
FEB 1	030	AUG	80.6
MAR 4	280	SEP	85.1
APR 1	970	OCT	875
MAY	886	NOV 2	540
JUN	729	DEC 1	280

TOTAL DISCHARGE, 13 800 dam³

TROUT CREEK NEAR ST. MARYS - STATION NO. 02ED009

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1988

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	1.58E	2.31	0.725	1.83	0.882	1.18 E	0.739	1.10	0.884	0.780E	1.04	4.75	1
2	1.58E	2.32	0.711	1.88	0.864	1.15 E	0.745	1.10	0.882	0.754E	0.887	4.57	2
3	1.58E	2.36	0.687	1.96	0.871	1.14 E	0.751	1.08	0.880	0.753E	0.867	4.47	3
4	1.58E	2.27	711	2.01	0.881	1.11 E	0.747	1.13	0.840	0.770E	1.03	4.33	4
5	1.88E	2.32	0.730	3.78	0.877	1.08 E	0.750	1.13	0.822	0.772A	1.08	3.08	5
6	1.88E	2.28	0.712	5.12	0.867	1.04 E	0.785	1.10	0.814	0.813	1.01	1.73	6
7	2.15E	2.29	0.620	5.15	0.880	1.00 E	0.810	1.08	0.898	0.784	1.02	1.34	7
8	2.43E	2.30	0.347	5.08	0.853	0.970E	0.828	1.08	0.900	0.800	1.10	0.554	8
9	2.43E	2.32	0.382	5.05	0.841	0.940E	0.844	1.02	0.908	0.814	1.74	0.520	9
10	2.43E	2.26	0.382	5.06	0.836	0.888	0.885	1.00	0.921	0.842	2.40	0.524	10
11	2.43A	2.33	0.348	4.19	0.828	0.878	0.911	0.975E	0.917	0.875	2.38	0.521	11
12	2.41	2.21	0.333	2.81	0.783	0.878	0.925	0.988E	0.898	0.885	2.27	0.514	12
13	2.37	2.20	0.312	2.62	0.771	0.886	0.924	0.988E	0.920	0.884	2.41	0.507	13
14	2.36	2.20	0.324	2.60	0.758	0.885	0.918	0.971E	0.929	0.878	4.88	0.518	14
15	2.33	2.17	0.313	1.71	0.744	0.911	0.926	1.00 E	0.938	0.913	8.61	0.513	15
16	2.30	2.17	0.308	1.13	0.763	0.937	0.928	0.980E	0.913	0.932	8.17	0.902	16
17	2.30	2.13	0.304	1.12	0.760	0.887	0.918	1.01 A	0.894	0.948	4.61	1.18	17
18	2.36	2.13	0.288	1.10	0.782	0.832	0.897	0.988	0.891	0.973	4.58	1.13	18
19	2.38	1.80	0.284	0.988	0.788	0.784	0.873	1.01	0.858	0.958	4.61	1.18	19
20	2.38	0.737	0.291	0.910	0.784	0.771	0.831	0.972	0.877	0.988	4.48	1.18	20
21	2.38	0.729	0.288	0.928	0.817	0.734	0.818	0.930	0.848	0.970	4.47	1.18	21
22	2.37	0.745	0.280	0.804	0.821	0.733	0.787	0.884	0.838	0.978	4.48	1.18	22
23	2.34	0.739	0.305	0.815	0.832	0.707	0.807	0.823	0.814	0.947	4.72	0.828	23
24	2.34	0.727	0.338	0.818	0.872	0.726	0.857	0.818	0.798	1.00	8.32	0.582	24
25	2.34	0.721	0.382	0.838	0.908	0.747	0.888	0.818	0.774	1.02	8.28	0.570	25
26	2.32	0.727	0.832	0.828	0.878	0.737	0.887	0.804	0.770	0.888	8.26	0.574	26
27	2.29	0.750	0.814	0.853	1.03	0.720	0.918	0.783	0.782	1.02	8.23	0.588	27
28	2.31	0.719	0.814	0.878	1.07	0.722	0.881	0.802	0.728	1.04	8.05	0.633	28
29	2.33	0.719	0.917	0.882	1.12	0.720	1.01	0.822	0.738E	1.08	4.85	0.828	29
30	2.29		0.804	0.875	1.18	0.720	1.04	0.785	0.780E	1.05	4.88	0.817	30
31	2.30		1.31		1.17		1.08	0.824		1.04		0.830	31
TOTAL	68.41	69.368	18.227	68.000	37.112	26.438	28.976	28.736	25.878	28.181	109.884	61.845	TOTAL
MEAN	2.21	1.70	0.823	2.17	0.875	0.881	0.870	0.959	0.883	0.909	3.66	1.35	MEAN
MAX	2.43	2.36	1.31	5.15	1.17	1.18	1.08	1.13	0.940	1.08	8.61	4.75	MAX
MIN	1.58	0.712	0.280	0.875	0.744	0.707	0.739	0.783	0.728	0.780	0.887	0.507	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 1.61
MAXIMUM DAILY, 8.61 ON NOV 15
MINIMUM DAILY, 0.280 ON MAR 22
MAXIMUM INSTANTANEOUS,
9.73 AT 17:13 EST ON NOV 14

SUMMARY FOR THE YEAR 1988

TYPE OF GAUGE - RECORDING
LOCATION - LAT 43 15 50 N
LONG 81 04 48 W
DRAINAGE AREA, 140 km²
A - MANUAL GAUGE

E - ESTIMATED
REGULATED

MONTHLY TOTAL DISCHARGE
IN CUBIC DECAMETRES

JAN	6 810	JUL	2 330
FEB	6 270	AUG	2 670
MAR	1 800	SEP	2 240
APR	5 620	OCT	2 440
MAY	3 340	NOV	8 480
JUN	2 280	DEC	3 620

TOTAL DISCHARGE, 44 800 dam³

TROUTLAKE RIVER ABOVE BIG FALLS - STATION NO. 05OC003

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1988

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	2.208	2.748	3.448	4.078	8.98	6.48	5.85	8.34	4.93	5.83	4.82	5.498	1
2	2.248	2.748	3.448	4.168	9.95	6.38	5.78	8.00	5.07	5.52	4.83	5.498	2
3	2.258	2.788	3.448	4.318	10.6	6.29	5.55	7.82	5.15	5.47	4.83	5.468	3
4	2.288	2.788	3.478	4.438	10.7	6.23	5.38	7.28	5.02	5.49	4.73	5.468	4
5	2.308	2.788	3.478	4.598	10.5	6.18	5.40	7.10	4.88	5.42	4.58	5.438	5
6	2.348	2.788	3.478	4.808	10.1	6.18	5.78	6.85	4.78	5.41	4.47	5.438	6
7	2.388	2.808	3.478	4.858	9.78	5.87	6.58	7.09	4.83	5.36	4.43	5.408	7
8	2.408	2.828	3.478	5.23	9.75	5.74	7.24	6.78	4.44	5.30	4.42	5.408	8
9	2.428	2.888	3.498	5.39	9.56	5.40	7.61	6.50	4.30	5.18	4.38	5.378	9
10	2.448	2.908	3.498	5.48	9.22	5.24	7.58	6.33	4.10	5.10	4.33	5.378	10
11	2.488	2.948	3.498	5.62	8.98	5.18	7.48	6.08	4.31	4.98	4.28	5.348	11
12	2.508	2.988	3.498	5.80	8.78	5.10	7.33	5.81	4.81	4.66	4.23	5.348	12
13	2.528	3.048	3.498	5.87	8.84	4.85	7.79	5.78	5.22	4.78	4.23	5.318	13
14	2.548	3.088	3.528	5.88	8.52	4.80	8.81	5.74	5.43	4.73	4.20	5.318	14
15	2.588	3.148	3.528	5.76	8.33	5.00	10.2	5.81	5.54	4.71	4.238	5.318	15
16	2.588	3.188	3.528	5.76	7.93	5.04	11.3	5.42	5.55	4.87	4.708	5.318	16
17	2.608	3.228	3.528	5.66	7.70	5.01	11.8	5.23	5.70	4.88	5.088	5.318	17
18	2.628	3.268	3.528	5.87	7.50	5.03	12.0	4.86	5.81	4.83	5.268	5.318	18
19	2.628	3.268	3.528	5.80	7.27	4.87	11.9	4.81	5.85	4.81	5.528	5.318	19
20	2.648	3.308	3.548	5.73	7.14	4.73	11.7	4.73	5.95	4.86	5.538	5.318	20
21	2.668	3.358	3.548	5.68	7.11	4.84	11.0	4.53	5.94	4.84	5.548	5.318	21
22	2.668	3.378	3.548	5.58	7.22	4.42	10.5	4.43	5.94	4.84	5.578	5.288	22
23	2.688	3.408	3.568	5.	7.28	4.18	9.89	4.41	5.84	4.72	5.568	5.288	23
24	2.688	3.428	3.598	5.4.	7.13	4.46	9.71	4.52	5.72	4.85	5.568	5.288	24
25	2.708	3.428	3.618	5.87	7.02	5.11	9.33	4.89	5.62	4.82	5.568	5.288	25
26	2.708	3.428	3.648	5.86	6.94	5.75	9.02	4.74	5.51	4.86	5.528	5.288	26
27	2.728	3.448	3.688	6.36	6.85	6.10	8.74	4.81	5.63	5.02	5.528	5.288	27
28	2.728	3.448	3.768	6.88	6.71	6.28	8.52	4.84	5.84	5.10	5.528	5.288	28
29	2.728	3.448	3.838	7.30	6.66	6.16	8.69	4.92	5.87	5.02	5.528	5.288	29
30	2.748		3.908	8.09	6.57	6.02	8.77	4.87	5.88	5.00	5.498	5.288	30
31	2.748		3.978		6.52		8.84	4.79		5.00		5.288	31
TOTAL	78.59	80.06	115.40	167.80	255.97	163.84	206.02	177.71	158.84	154.84	148.81	165.67	TOTAL
MEAN	2.54	3.11	3.56	5.60	8.26	5.43	8.58	5.73	5.29	5.00	4.95	5.34	MEAN
MAX	2.74	3.44	3.97	8.09	10.7	6.48	12.0	8.34	5.95	5.83	5.57	5.49	MAX
MIN	2.20	2.74	3.44	4.07	6.52	4.18	5.38	4.41	4.10	4.85	4.20	5.28	MIN

SUMMARY FOR THE YEAR 1988

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 5.28
MAXIMUM DAILY, 12.0 ON JUL 18
MINIMUM DAILY, 2.208 ON JAN 1
MAXIMUM INSTANTANEOUS,
12.3 AT 17:55 CST ON JUL 19

TYPE OF GAUGE - RECORDING
LOCATION - LAT 50 54 30 N
LONG 93 05 00 W
DRAINAGE AREA, 2 370 km²

B - ICE CONDITIONS

NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	6 780	JUL	23 000
FEB	7 780	AUG	15 400
MAR	9 540	SEP	13 700
APR	14 500	OCT	13 400
MAY	22 100	NOV	12 800
JUN	14 100	DEC	14 300

TOTAL DISCHARGE, 167 000 dam³

TURKEY CREEK AT WINDSOR - STATION NO. 02EH004

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1988

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	0.297	0.843	0.272	0.251	0.145	0.137E	0.102	0.075	0.085	0.135	0.120	0.139	1
2	0.226	0.600	0.321	0.263	0.133	1.60 E	0.090	0.082	0.088	0.884	0.106	0.103	2
3	0.201	0.362	0.343	1.24	0.132	0.380E	0.092	0.105	0.182	0.153	0.107	0.084	3
4	0.1848	0.315	0.255	0.828	0.137	0.200E	0.106	0.123	0.770	0.088	0.458	0.081	4
5	0.1878	0.275	0.215	0.417	0.149	0.150E	0.106	0.267	0.180	0.088	2.22	0.087	5
6	0.1828	0.2458	0.183	0.718	0.160E	0.148E	0.107	0.129	0.098	0.084	0.540	0.119	6
7	0.1758	0.180	0.220	1.02	0.150E	0.142E	0.104	0.100	0.104	0.075	0.372	0.117	7
8	0.169	0.163	0.294	0.476	0.130E	0.146E	0.103	0.112	0.105	0.081	0.343	0.116	8
9	0.165	0.177	0.403	0.383	0.525E	0.153E	0.091	0.304	0.104	0.514	0.388	0.111	9
10	0.145	0.170	0.248	0.292	0.300E	0.142	0.090	0.182	0.098	0.262	1.32	0.088	10
11	0.144	0.380	0.310	0.256	0.150E	0.134	0.097	0.184	0.091	0.128	0.317	0.083	11
12	0.183	0.231	0.705	0.239	0.140E	0.118	0.090	0.122	0.191	0.087	0.250	0.0808	12
13	0.223	0.2088	0.484	0.220	0.137E	0.144	0.089	0.115	0.117	0.071	1.20	0.111	13
14	0.1898	0.189	0.382	0.237	0.135E	0.153	0.096	0.236	0.105	0.071	0.391	0.127	14
15	0.172	0.819	0.308	0.187	0.385E	0.153	0.096	0.123	0.105	0.072	0.279	0.119	15
16	0.223	0.349	0.264	0.174	0.210E	0.143	0.289	0.207	0.112	0.211	0.320	0.098	16
17	1.88	0.480	0.262	0.184	0.155E	0.144	0.901	0.127	0.164	1.08	0.212	0.090	17
18	1.28	0.486	0.308	0.237	0.137E	0.139	0.100	0.372	0.832	1.37	0.178	0.0808	18
19	0.868	0.816	0.270	0.173	0.300E	0.127	0.114	0.188	0.238	0.253	0.157	0.0838	19
20	0.857	0.853	0.224	0.169	0.163F	0.147	0.104	0.106	0.230	0.162	2.24	0.136	20
21	0.843	0.384	0.211	0.185	0.137E	0.156	0.088	0.075	0.111	0.280	0.785	0.117	21
22	0.361	0.819	0.220	0.184	0.127E	0.205	0.089	0.087	0.650	0.298	0.330	0.116	22
23	0.326	1.07	0.260	0.415	0.185E	0.158	0.113	0.328	1.62	0.574	0.244	0.821	23
24	0.319	0.602	0.583	0.152	0.142E	0.101	0.078	0.125	0.238	0.289	0.208	0.646	24
25	0.248	0.331	0.458	0.128	0.134E	0.105	0.113	0.103	0.148	0.153	0.180	0.278	25
26	0.2278	0.286	0.333	0.185	0.130E	0.100	0.100	0.083	0.135	0.118	0.171	0.184	26
27	0.2138	0.272	0.263	0.148	0.125E	0.102	0.114	0.083	0.148	0.087	0.178	1.45	27
28	0.2068	0.320	0.380	0.238	0.120E	0.113	0.110	0.121	0.137	0.116	0.130	1.41	28
29	0.2108	0.247	0.414	0.178	0.112E	0.117	0.108	0.081	0.132	0.104	0.126	0.347	29
30	0.314		0.321	0.164	0.185E	0.116	0.521	0.104	0.132	0.092	0.124	0.248	30
31	0.528		0.260		0.190E		0.151	0.088		0.111		0.195	31
TOTAL	10.986	12.351	10.083	8.858	5.181	5.882	4.586	4.569	7.420	7.920	13.955	7.830	TOTAL
MEAN	0.353	0.426	0.326	0.333	0.167	0.196	0.147	0.148	0.247	0.255	0.465	0.253	MEAN
MAX	1.88	1.07	0.705	1.24	0.525	1.60	0.901	0.372	1.62	1.37	2.24	1.45	MAX
MIN	0.144	0.158	0.193	0.128	0.100	0.100	0.078	0.075	0.091	0.071	0.107	0.080	MIN

SUMMARY FOR THE YEAR 1988

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 0.275
MAXIMUM DAILY, 2.24 ON NOV 20
MINIMUM DAILY, 0.071 ON OCT 13
MAXIMUM INSTANTANEOUS,
8.08 AT 23:12 EST ON OCT 17

TYPE OF GAUGE - RECORDING
LOCATION - LAT 42 15 38 N
LONG 83 02 24 W
DRAINAGE AREA, 38.6 km²

B - ICE CONDITIONS
E - ESTIMATED
NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	847	JUL	395
FEB	1 070	AUG	396
MAR	872	SEP	841
APR	880	OCT	884
MAY	448	NOV	1 210
JUN	506	DEC	677

TOTAL DISCHARGE, 8 710 dam³

TURTLE RIVER NEAR MINE CENTRE - STATION NO. 05PB014

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1988

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	15.3	12.3	11.4	13.0	32.2	27.3A	19.2	11.7	29.8	116	49.8	42.8	1
2	15.3	12.3	11.4	13.1	31.3	26.8E	19.2	11.8	29.2	114	49.2	43.1	2
3	15.4	12.2	11.4	13.4	30.6	28.1A	19.1	11.9	29.0	110	47.8	42.8	3
4	15.2	12.1	11.4	13.7	30.0A	25.9A	18.9	11.8	28.5	106	47.0	42.6	4
5	14.8E	12.1	11.4	14.2	29.1A	25.7E	18.2	11.7	28.2	106	46.6	42.7	5
6	13.4A	12.0	11.4	15.1	28.8A	25.6A	14.5	11.8	28.2	103	45.4	42.2	6
7	13.5	12.0	11.4	16.8	28.0A	25.8	14.0	11.8	28.1	100	44.9	41.7	7
8	13.4	11.9	11.5	19.8	27.1A	25.4	13.8	11.8	27.0	97.6	44.0	41.2	8
9	13.3	11.8	11.7	24.2	26.6	24.4	13.7	11.5	25.9	94.9	43.3	40.8	9
10	13.3	11.7	11.6	27.9	27.2	23.7	13.8	11.5	25.8	91.0	42.5	40.2	10
11	13.3	11.7	11.9	30.6	28.0A	23.0	13.6	11.3	25.8	87.7	41.9	39.8	11
12	13.3	11.6	11.8	32.7	28.8A	22.1	13.6	11.1	25.7	84.8	41.2	39.6	12
13	13.1	11.6	11.9	34.5	30.8A	22.2	13.3	11.0	25.8	81.5	40.6	39.3	13
14	13.1	11.6	11.8	36.8	31.9A	21.9	13.2	11.8	25.7	78.8	40.2	38.7	14
15	13.1	11.6	11.8	38.2	31.7A	22.0	13.2	12.2	25.6	75.9	40.2	38.0	15
16	13.1	11.6	11.8	39.6A	32.2A	22.6	13.2	12.4	25.8	72.6	40.3	37.9	16
17	13.0	11.6	11.7	40.0E	32.7A	22.6	13.2	12.8	25.9	70.1	40.5	37.7	17
18	13.0	11.6	11.7	40.1E	32.4A	22.3	13.3	13.0	25.9	67.3	40.8	37.5	18
19	13.0	11.6	11.7	40.4A	32.1A	21.7	13.2	13.0	25.3	65.2	40.9	37.1	19
20	12.9	11.6	11.7	39.8A	31.8E	21.0	13.2	13.3	59.2	63.5	41.1	36.7	20
21	12.8	11.6	11.7	39.1	31.2E	20.6A	13.2	13.2	84.0	61.1	41.4	36.4	21
22	13.8	11.8	11.7	38.8A	30.7E	20.7E	13.2	14.6	104	59.4	41.4	36.2	22
23	12.8	11.6	11.8	38.1A	30.8A	21.1A	13.2	16.3	116	58.1	41.7	36.2	23
24	12.8	11.5	12.0	37.8A	30.9	21.1	13.0	22.6	123	56.9	41.8	35.8	24
25	12.7	11.4	12.5	38.7A	30.7A	21.1	12.8	25.6	126	55.8	42.0	35.4	25
26	12.6	11.4	12.6	38.0A	29.9E	20.4	12.9	27.7	126	55.1	41.9	35.2	26
27	12.5	11.4	12.6	35.5A	29.3E	19.5	13.2	28.5	125	54.3	42.4	35.6	27
28	12.4	11.5	12.8	34.8A	28.7E	19.4	13.3	29.3	123	53.8	42.4	35.2	28
29	12.4	11.4	12.9	34.1A	27.8A	19.3	12.5	26.5	120	53.4	42.5	34.9	29
30	12.3		12.9	33.0A	27.6	19.3	11.9	28.7	119	51.5	42.6	34.6	30
31	12.4		12.8		27.6		11.7	30.0		50.4		34.3	31
TOTAL	413.1	340.1	388.8	807.7	930.2	680.4	436.1	506.2	1 746.1	2 385.5	1 287.7	1 192.5	TOTAL
MEAN	13.3	11.7	11.9	30.3	30.0	22.7	14.1	16.4	58.2	77.3	42.9	38.5	MEAN
MAX	15.4	12.3	12.9	40.4	32.7	27.3	19.2	30.0	126	116	49.8	43.1	MAX
MIN	12.3	11.4	11.4	13.0	26.6	19.3	11.7	11.8	25.5	50.4	40.2	34.3	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 30.6
MAXIMUM DAILY, 126 ON SEP 25
MINIMUM DAILY, 11.8 ON AUG 13
MAXIMUM INSTANTANEOUS,
126 AT 06:34 CST ON SEP 25

SUMMARY FOR THE YEAR 1988

TYPE OF GAUGE - RECORDING
LOCATION - LAT 48 51 00 N
LONG 93 43 30 W
DRAINAGE AREA, 4 870 km²
A - MANUAL GAUGE

E - ESTIMATED
NATURAL FLOW

MONTHLY TOTAL DISCHARGE
IN CUBIC DECAMETRES

JAN	35 600	JUL	37 700
FEB	29 400	AUG	43 800
MAR	31 800	SEP	151 000
APR	70 400	OCT	207 000
MAY	80 400	NOV	111 000
JUN	58 800	DEC	103 000

TOTAL DISCHARGE, 985 000 dam³

TWENTY MILE CREEK ABOVE SMITHVILLE - STATION NO. 02HA030

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1988

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	0.380B	5.15	0.400B	1.38	1.56	0.036	0	0.436	0.017	0	0.180	0.309	1
2	0.290B	4.65	0.450B	1.06	1.05	0.022	0	0.626	0.020	0.003	0.117	0.257	2
3	0.240B	2.75 B	0.700B	1.28	0.640	0.012	0	0.378	0.035	0.006	0.087	0.217	3
4	0.200B	1.50 B	0.600B	5.36	0.448	0.008	0	0.226	0.170	0.001	0.087	0.194	4
5	0.170B	1.00 B	0.580B	5.20	0.347	0	0	0.148	0.224	0.002	0.094	0.179	5
6	0.144B	0.610B	0.540B	3.38	0.281	0	0	0.203	0.407	0.010	0.148	0.154	6
7	0.130B	0.580B	0.980	2.12	0.230	0	0	0.128	0.530	0.056	0.372	0.144	7
8	0.117B	0.530B	1.44	1.80	0.228	0	0	0.143	0.323	0.085	1.80	0.136	8
9	0.112B	0.440B	2.36	1.12	0.214	0	0	0.200	0.176	0.056	3.58	0.127	9
10	0.110B	0.370B	2.91	0.833	0.210	0	0	0.184	0.102	0.108	3.78	0.114	10
11	0.108B	0.340B	2.20	0.804	0.182	0	0	0.436	0.080	0.230	3.32	0.097	11
12	0.110B	0.310B	1.67	0.450	0.161	0	0	1.73	0.041	0.190	2.82	0.086	12
13	0.113B	0.290B	1.29	0.336	0.172	0	0	4.34	0.028	0.221	3.07	0.085	13
14	0.112B	0.260B	1.02	0.268	0.156	0	0	2.94	0.020	0.263	5.18	0.082	14
15	0.111B	0.750B	0.707	0.232	0.148	0	0	1.31	0.007	0.213	4.48	0.084	15
16	0.110B	1.61	0.628	0.202	0.176	0	0	0.488	0.005	0.162	2.71	0.078	16
17	0.114B	2.82	0.520	0.183	0.173	0	0.009	0.215	0.003	0.118	1.76	0.080	17
18	0.120B	2.92	0.411	0.159	0.168	0	0	0.104	0.008	0.138	1.15	0.080	18
19	0.305	3.46	0.370B	0.147	0.233	0	0	0.076	0.001	0.128	0.747	0.075	19
20	1.02	5.33	0.347B	0.134	0.326	0	0	0.047	0.004	0.138	1.47	0.086	20
21	2.37	5.60 B	0.301B	0.133	0.320	0	0	0.024	0	0.288	7.14	0.133	21
22	1.75 B	5.70 B	0.264B	0.121	0.288	0	0	0.014	0	0.444	8.52	0.117	22
23	1.50 B	7.60 B	0.260	0.150	0.262	0	0.034	0.011	0	0.587	4.82	0.212	23
24	0.805	7.40 B	0.369	0.178	0.216	0	0.075	0.008	0	1.12	2.78	0.268	24
25	0.493B	5.00 B	1.62	0.200	0.180	0	1.16	0.015	0	2.15	1.80	0.380	25
26	0.319B	2.50 B	9.84	0.233	0.135	0	1.88	0.018	0	2.42	1.00	0.422	26
27	0.284B	1.10 B	7.52	0.232	0.097	0	1.78	0.001	0	1.70	0.729	0.707	27
28	0.246B	0.660B	4.42	0.211	0.073	0	1.48	0.026	0	0.835	0.548	4.88	28
29	0.205B	0.508	2.66	0.386	0.084	0	0.853	0.027	0	0.440	0.467	8.43	29
30	0.800B		2.07	1.28	0.051	0	0.585	0.006	0	0.300	0.382	8.32	30
31	5.28		1.76		0.043		0.465	0.004		0.223		3.24	31
TOTAL	18.258	72.036	61.898	28.974	8.644	0.578	8.121	14.498	2.180	12.888	84.615	24.474	TOTAL
MEAN	0.589	2.48	1.97	0.966	0.285	0.003	0.282	0.468	0.073	0.409	2.15	0.789	MEAN
MAX	5.28	7.60	9.84	5.36	1.56	0.036	1.78	4.34	0.530	2.42	8.52	8.43	MAX
MIN	0.108	0.260	0.260	0.121	0.043	0	0	0.001	0	0	0.087	0.075	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 0.837
MAXIMUM DAILY, 9.84 ON MAR 26
MINIMUM DAILY, 0 ON JUN 5
MAXIMUM INSTANTANEOUS,
11.3 AT 12:45 EST ON MAR 26

SUMMARY FOR THE YEAR 1988

TYPE OF GAUGE - RECORDING
LOCATION - LAT 49 06 54 N
LONG 79 33 56 W
DRAINAGE AREA, 188 km²

B - ICE CONDITIONS

NATURAL FLOW

MONTHLY TOTAL DISCHARGE
IN CUBIC DECAMETRES

JAN	1 550	JUL	702
FEB	6 220	AUG	1 250
MAR	6 480	SEP	188
APR	2 900	OCT	1 100
MAY	784	NOV	5 570
JUN	5.74	DEC	2 110

TOTAL DISCHARGE, 28 500 dam³

TWENTY MILE CREEK AT BALLS FALLS - STATION NO. 02HA006

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1988

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	1.00	12.4 B	0.920B	2.31	2.38	0.087	0	0.880	0.111	0.038	0.572	0.893	1
2	0.870B	10.7 B	1.06 B	1.91	2.10	0.081	0	0.532	0.083	0.043	0.433	0.894	2
3	0.550B	8.30 B	1.81 B	2.04	1.47	0.077	0	0.415	0.081	0.045	0.355	0.504	3
4	0.460B	3.45 B	1.84 B	7.37	0.975	0.073	0	0.379	0.187	0.030	0.301	0.423	4
5	0.390B	2.30 B	2.02 B	9.98	0.690	0.070	0	0.252	0.353	0.027	0.283	0.353	5
6	0.330B	1.86 B	2.16 B	6.32	0.585	0.086	0	0.215	0.594	0.036	0.335	0.342	6
7	0.300B	1.52 B	2.21 B	3.84	0.427	0.044	0	0.143	0.508	0.075	0.828	0.331	7
8	0.270B	1.32 B	3.31 B	2.74	0.333	0.042	0	0.139	0.612	0.083	1.93	0.306	8
9	0.260B	1.01 B	5.43 B	2.06	0.287	0.026	0	0.135	0.612	0.051	3.94	0.290B	9
10	0.250B	0.850B	6.89 B	1.84	0.261	0.021	0	0.109	0.405	0.076	5.09	0.260B	10
11	0.250B	0.760B	5.08 B	1.32	0.232	0.016	0	0.209	0.278	0.152	5.31	0.220B	11
12	0.250B	0.710B	3.84 B	1.07	0.178	0.016	0	0.709	0.236	0.253	4.07	0.200B	12
13	0.260B	0.670B	2.97 B	0.887	0.181	0.013	0	1.24	0.170	0.384	4.63	0.200B	13
14	0.260B	0.640B	2.35 B	0.730	0.185	0.010	0	2.87	0.121	0.382	7.77	0.190B	14
15	0.260B	1.73 B	1.82 B	0.822	0.171	0.006	0	2.16	0.087	0.313	7.08	0.190B	15
16	0.250B	3.70 B	1.35 B	0.518	0.206	0.008	0	1.29	0.085	0.299	4.88	0.180B	16
17	0.260B	4.49 B	1.12 B	0.470	0.204	0.008	0.030	0.738	0.072	0.271	3.18	0.180B	17
18	0.260B	4.72 B	0.988	0.383	0.221	0.004	0.007	0.432	0.065	0.283	2.19	0.160B	18
19	0.700B	7.86 B	0.850B	0.361	0.303	0.002	0.057	0.267	0.058	0.230	1.86	0.170B	19
20	2.36 B	12.3 B	0.800B	0.353	0.391	0.001	0.170	0.180	0.078	0.234	1.89	0.184B	20
21	5.45 B	12.9 B	0.690B	0.308	0.558	0	0.081	0.181	0.069	0.228	10.8	0.232	21
22	4.03 B	13.1 B	0.610B	0.288	0.575	0	0.040	0.126	0.065	0.239	12.7	0.252	22
23	3.45 B	17.5 B	0.598	0.319	0.481	0	0.113	0.120	0.083	0.430	8.80	0.385	23
24	3.06 B	17.0 B	0.838	0.383	0.382	0	1.76	0.120	0.075	1.07	4.80	0.761	24
25	1.13 B	11.5 B	3.24	0.368	0.352	0	1.13	0.127	0.072	3.25	2.95	1.18	25
26	0.730B	5.75 B	23.2	0.385	0.298	0	0.826	0.119	0.079	3.45	1.95	1.10 B	26
27	0.680B	2.53 B	22.1	0.410	0.258	0	1.22	0.093	0.078	2.86	1.52	0.882	27
28	0.570B	1.52 B	10.8	0.467	0.228	0	1.20	0.188	0.081	2.08	1.22	5.53	28
29	0.470B	1.13 B	5.48	0.615	0.198	0	1.06	0.167	0.047	1.56	1.09	8.81	29
30	1.84 B		3.70	1.53	0.188	0	0.883	0.162	0.036	1.10	0.971	7.81	30
31	12.1 B		2.87		0.122		1.08	0.138		0.783		5.17	31
TOTAL	42.120	166.240	122.525	52.048	15.362	0.883	9.487	14.894	5.398	20.335	103.419	38.312	TOTAL
MEAN	1.36	5.73	3.95	1.73	0.495	0.022	0.305	0.484	0.180	0.656	3.45	1.24	MEAN
MAX	12.1	17.5	23.2	9.98	2.38	0.087	1.76	2.87	0.612	3.49	12.7	8.81	MAX
MIN	0.260	0.640	0.598	0.288	0.122	0	0	0.093	0.036	0.027	0.283	0.170	MIN

SUMMARY FOR THE YEAR 1988

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 1.81
MAXIMUM DAILY, 23.2 ON MAR 26
MINIMUM DAILY, 0 ON JUN 21
MAXIMUM INSTANTANEOUS,
28.0 AT 04:05 EST ON MAR 27

TYPE OF GAUGE - RECORDING
LOCATION - LAT 43 08 03 N
LONG 79 23 00 W
DRAINAGE AREA, 283 km²

B - ICE CONDITIONS

NATURAL FLOW

MONTHLY TOTAL DISCHARGE
IN CUBIC DECAMETRES

JAN	3 640	JUL	818
FEB	14 400	AUG	1 300
MAR	10 600	SEP	486
APR	4 500	OCT	1 760
MAY	1 330	NOV	8 940
JUN	57.3	DEC	3 310

TOTAL DISCHARGE, 51 100 dam³

VENISON CREEK NEAR WALSINGHAM - STATION NO. 02GC021

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1988

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	1.22	1.51	0.872	1.20	1.01	0.628	0.354	0.584	0.484	0.479	0.572	0.747	1
2	1.13	1.45	1.01	1.17	0.958	0.642	0.378	0.638	0.482	0.532	0.588	0.740	2
3	1.08	1.32	1.06	1.30	0.898	0.624	0.382	0.624	0.587	0.510	0.845	0.742	3
4	1.07	1.10 B	1.02	1.62	0.883	0.614	0.383	0.611	0.554	0.502	0.830	0.725	4
5	1.00 B	0.970B	0.972	1.46	0.837	0.609	0.323	0.488	0.528	0.497	0.848	0.721	5
6	0.942B	0.900B	0.881	1.28	0.821	0.599	0.298E	0.586	0.505	0.488	0.857	0.721	6
7	0.900B	0.830B	1.01	1.22	0.808	0.591	0.270E	0.537	0.500	0.484	0.856	0.711	7
8	0.851B	0.775B	1.08	1.14	0.784	0.580	0.282E	0.528	0.490	0.529	0.873	0.887	8
9	0.807B	0.760B	1.27	1.08	0.804	0.571	0.261E	0.518	0.484	0.544	0.836	0.881	9
10	0.781B	0.730B	1.30	1.04	0.800	0.528	0.316	0.512	0.487	0.591	0.838	0.877	10
11	0.743B	0.720B	1.19	1.00	0.787	0.538	0.327E	0.504	0.482	0.844	0.782	0.875B	11
12	0.730B	0.715B	1.20	0.968	0.775	0.529	0.276E	0.505	0.489	0.588	0.724	0.862B	12
13	0.722B	0.710B	1.32	0.931	0.767	0.518	0.269E	0.494	0.491	0.540	1.31	0.858B	13
14	0.716B	0.705B	1.25	0.842	0.752	0.524	0.298E	0.485	0.485	0.533	1.28	0.732	14
15	0.713B	1.07	1.15	0.937	0.762	0.519	0.274E	0.487	0.475	0.521	0.880	0.875B	15
16	0.710B	1.07	1.10	0.883	0.829	0.502	0.260E	0.484	0.470	0.512	0.878	0.862B	16
17	0.948	1.06	1.05	0.878	0.776	0.485	0.721	0.462	0.518	0.509	0.808	0.858B	17
18	1.04	1.07	1.04	0.857	0.755	0.495	0.536	0.456	0.513	0.764	0.740	0.850B	18
19	0.980	1.12	1.05	0.884	0.772	0.476	0.542	0.441	0.488	0.805	0.704	0.844B	19
20	1.01	1.04	1.04	0.851	0.788	0.470	0.532	0.438	0.500	0.582	0.898	0.788	20
21	1.01	1.20 B	0.886	0.847	0.786	0.457	0.582	0.431	0.485	0.580	1.15	0.853	21
22	0.956	1.26	0.855	0.827	0.770	0.488	0.636	0.403	0.494	0.605	1.02	0.819	22
23	0.880B	2.37	0.838	0.864	0.738	0.449	0.855	0.472	0.483	0.571	0.894	1.08	23
24	0.815B	1.81	1.10	0.842	0.728	0.445	0.786	0.470	0.524	0.752	0.838	1.12	24
25	0.780B	1.28	1.87	0.826	0.700	0.461	0.898	0.455	0.500	0.797	0.797	1.04	25
26	0.720B	1.11	2.80	0.825	0.881	0.488	0.804	0.435	0.492	0.634	0.780	0.818	26
27	0.890B	1.05	2.13	0.831	0.674	0.415	0.583	0.428	0.488	0.600	0.788	1.06	27
28	0.865B	0.988	1.64	0.901	0.661	0.353	0.640	0.543	0.483	0.627	0.775	2.15	28
29	0.855B	0.984	1.47	1.03	0.658	0.308	0.572	0.523	0.478	0.596	0.767	1.76	29
30	0.961		1.38	1.08	0.644	0.337	0.556	0.510	0.476	0.581	0.748	1.28	30
31	1.15		1.27		0.633		0.560	0.500		0.576		1.12	31
TOTAL	27.345	31.848	38.474	30.623	24.008	15.220	14.216	15.214	15.132	17.645	24.648	27.184	TOTAL
MEAN	0.882	1.10	1.24	1.02	0.774	0.507	0.459	0.491	0.504	0.576	0.822	0.876	MEAN
MAX	1.22	2.37	2.80	1.62	1.01	0.642	0.786	0.588	0.693	0.797	1.31	2.15	MAX
MIN	0.855	0.705	0.855	0.825	0.633	0.308	0.288	0.403	0.470	0.478	0.585	0.844	MIN

SUMMARY FOR THE YEAR 1988

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 0.770
MAXIMUM DAILY, 2.80 ON MAR 26
MINIMUM DAILY, 0.288E ON JUL 13
MAXIMUM INSTANTANEOUS,
2.93 AT 15:31 EST ON MAR 26

TYPE OF GAUGE - RECORDING
LOCATION - LAT 42 40 27 N
LONG 80 35 00 W
DRAINAGE AREA, 68.4 km²

B - ICE CONDITIONS
E - ESTIMATED
REGULATED

MONTHLY TOTAL DISCHARGE
IN CUBIC DECAMETRES

JAN	2 360	JUL	1 230
FEB	2 760	AUG	1 310
MAR	3 320	SEP	1 310
APR	2 640	OCT	1 640
MAY	2 070	NOV	2 130
JUN	1 320	DEC	2 350

TOTAL DISCHARGE, 24 300 dam³

VERMILION RIVER AT LORNE FALLS - STATION NO. 02CF004

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1988

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	24.6	18.6	16.4	80.3	137	73.1	19.6	9.43	16.5	16.8	108	111	1
2	24.0	19.4	16.6	99.6	101	67.3	19.9	8.41	17.9	17.9	109	114	2
3	23.2	19.6	15.9	120	102	55.8	18.9	8.30	15.6	20.8	106	109	3
4	23.7	20.4	16.0	147	102	53.8	17.9	8.75	14.5	26.3	100	103	4
5	21.6	20.4	15.9	188	102	51.3	17.4	8.30	13.6	28.7	107	84.0	5
6	21.1	22.8	15.9	187	100	56.7	17.0	9.43	13.3	33.5	111	87.6	6
7	22.3	22.9	12.5	233	88.1	53.6	16.9	9.17	13.8	35.0	122	87.3	7
8	21.3	20.9	15.9	253	97.5	45.0	15.9	10.0	13.6	36.1	134	78.1	8
9	20.0	21.1	15.9	370	81.1	41.2	13.9	9.32	11.1	36.5	142	74.8	9
10	20.3	14.5	15.7	356	85.0	38.0	10.4	8.30	11.1	34.0	141	70.7	10
11	19.4	20.0	16.1	360	86.7	35.3	8.74	7.36	13.6	31.9	155	65.0	11
12	18.8	21.1	16.9	347	85.0	34.7	---	7.33	14.0	29.0	145	58.3	12
13	12.8	13.1	17.9	348	59.4	30.5	10.1	8.28	12.2	28.1	144	52.5	13
14	17.5	18.7	17.9	338	82.2	30.0	11.4	8.58	13.3	28.0	142	50.7	14
15	17.4	18.8	19.1	314	83.7	25.9	8.98	10.7	12.8	27.8	139	48.8	15
16	17.3	18.3	20.2	309	88.6	28.3	8.38	12.8	10.3	28.4	134	47.1	16
17	17.0	18.5	18.2	280	102	24.9	7.11	16.8	10.8	28.1	127	42.8	17
18	17.0	18.5	16.6	263	104	25.4	9.32	18.3	12.3	32.5	127	35.7	18
19	16.1	14.8	17.6	252	102	24.0	9.20	16.0	14.5	38.6	124	30.6	19
20	16.9	17.3	18.3	252	106	20.4	9.63	20.6	12.6	45.0	123	24.2	20
21	15.4	17.4	20.6	230	86.6	21.4	9.63	21.2	12.7	55.8	103	37.7	21
22	15.2	18.2	20.2	213	83.4	21.3	9.43	21.6	10.4	67.0	133	32.7	22
23	16.3	18.4	18.1	200	85.3	18.5	9.63	22.2	10.5	72.8	111	36.3	23
24	16.1	17.8	19.1	182	84.8	19.8	9.43	22.3	11.2	76.2	88.8	40.1	24
25	15.3	15.8	21.0	132	87.7	19.1	10.3	21.6	13.8	80.7	110	39.7	25
26	15.1	15.5	23.0	157	84.1	19.9	8.13	20.2	15.0	78.6	94.2	38.5	26
27	15.6	15.8	25.7	134	88.2	18.9	7.22	19.6	13.6	77.7	85.3	38.8	27
28	14.5	17.1	26.9	124	89.1	19.4	8.80	18.0	14.5	81.1	87.3	39.9	28
29	16.0	16.6	35.1	118	86.5	19.4	8.47	17.4	14.5	88.9	103	38.3	29
30	16.8		44.1	114	80.8	20.0	10.1	18.4	14.7	94.3	---	37.3	30
31	16.6		57.3		77.9		8.82	18.9		105		37.3	31
TOTAL	567.3	533.4	649.8	6 705.6	2 948.6	1 040.0	---	440.67	400.0	1 477.0	---	1 805.8	TOTAL
MEAN	18.3	18.6	21.0	224	95.1	34.7	---	14.2	13.3	47.6	---	58.3	MEAN
MAX	24.6	22.9	57.3	370	137	73.1	---	22.3	18.9	105	---	114	MAX
MIN	12.8	13.1	12.5	80.3	59.4	18.5	---	7.33	10.3	16.8	---	24.2	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MAXIMUM DAILY, 370 ON APR 9
MINIMUM DAILY, 6.80 ON JUL 28

SUMMARY FOR THE YEAR 1988

TYPE OF GAUGE - POWER PLANT
LOCATION - LAT 48 18 55 N
LONG 81 31 18 W
DRAINAGE AREA, 4 190 km²

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	49 000	JUL	---
FEB	46 100	AUG	38 100
MAR	56 100	SEP	34 600
APR	579 000	OCT	138 000
MAY	255 000	NOV	---
JUN	89 900	DEC	156 000

DATA CONTRIBUTED BY -
INTERNATIONAL NICKEL COMPANY OF CANADA LIMITED

REGULATED

REMARKS - INCLUDES SNAPING LAKE BASIN EXTREME HIGH WATER SPILLED INTO SPANISH RIVER SYSTEM

VERMILION RIVER NEAR VAL CARON - STATION NO. 02CF011

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1988

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	3 959	3 958	3 008	7 408	34.4	18.1	6.47	2.79	4.23	4.33	18.6	23.0	1
2	3 928	3 788	2 898	8 208	35.0	17.3	6.22	3.01	4.19	4.33	18.8	21.7	2
3	3 888	3 678	2 868	11.0 E	35.2	16.2	4.87	3.24	4.09	4.86	17.9	20.48	3
4	3 858	3 578	2 878	17.5 E	34.7	16.2	4.66	2.92	4.17	4.73	18.6	19.78	4
5	3 828	3 508	2 958	32.6	33.7	14.4	4.40	3.22	3.84	4.22	17.9	18.48	5
6	3 788	3 428	2 958	36.3	32.2	13.6	4.20	3.40	3.58	5.67	22.3	18.68	6
7	3 788	3 378	2 978	45.3	30.6	12.7	4.03	3.56	3.41	5.61	28.1	18.08	7
8	3 738	3 328	2 998	56.0	28.8	12.0	3.81	3.60	3.34	5.15	31.3	15.88	8
9	3 708	3 278	3 208	68.4	27.4	11.5	3.75	4.14	3.17	4.89	29.7A	15.38	9
10	3 678	3 248	3 138	88.2	27.1	10.7	3.96	4.02	3.10	5.02	28.6	14.68	10
11	3 668	3 218	3 058	57.8	27.3	10.3	4.12	3.90	3.01	5.34	26.5	13.88	11
12	3 638	3 188	2 988	54.4	27.0	9.72	3.94	3.78	3.01	5.37	27.2	13.48	12
13	3 618	3 168	2 948	55.1	28.9	9.17	3.80	4.06	3.16	5.11	25.5	13.68	13
14	3 588	3 148	2 908	58.1	31.3	8.73	3.90	4.83	3.01	5.09	24.5	13.48	14
15	3 598	3 138	2 888	65.8	31.8	8.18	3.72	4.24	2.95	5.20	23.7	11.98	15
16	3 608	3 128	2 848	64.5	31.6	7.67	3.62	7.67	2.89	5.03	23.6	11.58	16
17	3 628	3 128	2 828	59.5	30.7	8.92	3.56	7.53	2.91	5.33	26.4	11.28	17
18	3 658	3 138	2 808	57.3	29.3	8.66	3.42	6.76	2.98	7.48	28.4	10.78	18
19	3 608	3 148	2 788	54.5	27.8	8.32	3.30	6.01	2.96	11.2	27.1	10.58	19
20	3 568	3 168	2 768	48.2	25.8	8.13	3.44	5.86	3.41	13.9	25.4	10.78	20
21	3 568	3 178	2 768	44.4	25.4	8.85	3.51	5.34	3.61	14.3	23.9	11.88	21
22	3 553	3 168	2 768	40.1	25.7	8.10	3.17	4.83	3.86	14.1	22.8	11.68	22
23	3 538	3 168	2 768	36.8	27.3	8.88	3.11	4.72	3.49	14.5	21.3	11.48	23
24	3 508	3 118	2 768	35.0	28.2	8.87	3.07	4.88	3.36	14.7	20.1	11.88	24
25	3 488	3 098	2 808	33.5	28.6	8.74	3.27	4.86	3.28	15.2	19.3	11.28	25
26	3 468	3 088	3 008	32.7	27.0	7.00	3.08	4.78	3.12	15.6	18.4	10.88	26
27	3 468	3 048	3 058	32.8	24.6	6.80	3.17	4.80	3.88	15.4	18.8	10.78	27
28	3 438	3 028	3 558	33.1	22.7	6.35	3.11	4.58	3.83	17.2	23.8	10.58	28
29	3 438	3 018	3 458	33.4	21.2	6.84	3.00	4.61	3.62	22.2	24.6	10.38	29
30	3 458		4 508	33.6	19.7	5.66	2.89	4.67	3.76	23.0	23.9	10.28	30
31	3 888		5 808		18.7		2.80	4.38		21.4		10.08	31
TOTAL	112.75	94.41	98.66	1 388.60	980.4	285.38	119.48	146.48	102.82	313.63	710.1	420.5	TOTAL
MEAN	3.64	3.26	3.12	42.2	28.4	9.81	3.73	4.73	3.42	10.1	23.7	13.6	MEAN
MAX	3.96	3.96	5.80	88.8	35.2	18.1	6.47	8.24	4.23	23.0	31.3	23.0	MAX
MIN	3.43	3.01	2.76	7.40	18.7	5.66	2.80	2.79	2.89	4.32	18.8	10.0	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 12.4
MAXIMUM DAILY, 88.8 ON APR 15
MINIMUM DAILY, 2.76B ON MAR 30
MAXIMUM INSTANTANEOUS,
97.2 AT 18.04 EST ON APR 15

SUMMARY FOR THE YEAR 1988

TYPE OF GAUGE - RECORDING
LOCATION - LAT 46 41 07 N
LONG 81 00 32 W
DRAINAGE AREA, 704 km²
A - MANUAL GAUGE
B - ICE CONDITIONS

NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	9 740	JUL	9 880
FEB	8 180	AUG	12 700
MAR	8 350	SEP	8 870
APR	108 000	OCT	27 100
MAY	76 100	NOV	61 400
JUN	24 700	DEC	36 300

TOTAL DISCHARGE, 392 000 dam³

REMARKS - DATA PRIOR TO 1980 CONTRIBUTED BY ONT. MINISTRY OF THE ENVIRONMENT AND FORMERLY PUBLISHED UNDER STA. NO. 02CF101

VEUVE RIVER NEAR VERNER - STATION NO. 02DD012

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1988

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	4.508	7.15	2.278	53.0B	16.3	5.36	0.666	0.288	1.47	3.22	20.7	19.0	1
2	4.358	6.208	2.238	62.0B	13.1	5.07	0.576	0.258	1.19	18.4	20.5	14.4 B	2
3	4.158	5.608	2.188	82.0B	10.8	4.57	0.515	0.214	0.984	21.3	19.5	12.0 B	3
4	4.008	5.258	2.158	109 B	9.56	3.98	0.455	0.205	1.41	13.0	17.8	11.4 B	4
5	3.858	4.908	2.118	135 B	8.23	3.43	0.411	0.229	2.30	9.13	29.3	10.7 B	5
6	3.758	4.558	2.078	145 B	8.41	3.06	0.368	0.217	1.88	8.00	38.1	9.108	6
7	3.608	4.358	2.058	163	7.81	3.01	0.341	0.187	1.32	6.88	36.4	7.708	7
8	3.508	4.058	2.018	148	7.41	2.89	0.303	0.160	1.03	5.79	28.3	6.808	8
9	3.428	3.858	2.068	131	7.06	2.35	0.277	0.173	0.846	5.02	24.0	6.008	9
10	3.328	3.658	2.718	109	11.6	2.10	0.251	0.304	0.783	4.49	26.2	5.358	10
11	3.228	3.508	3.038	90.7	27.0	1.86	0.318	0.220	0.706	5.35	33.5	4.758	11
12	3.158	3.358	2.938	78.6	22.3	1.70	0.426	0.221	0.590	8.25	31.2	4.358	12
13	3.088	3.258	2.848	71.0	27.2	1.54	0.312	0.257	0.667	5.83	29.9	4.158	13
14	3.008	3.158	2.778	76.2	31.0	1.43	0.297	4.87	0.776	5.31	31.9	3.958	14
15	2.928	3.088	2.698	87.6	25.0	1.24	0.273	5.74	0.636	4.78	31.4	3.858	15
16	2.92	3.028	2.658	74.8	23.5	1.06	0.264	4.39	0.528	4.44	28.8	3.888	16
17	2.96	2.988	2.598	56.9	16.8	1.02	0.256	3.67	0.513	4.15	32.3	3.588	17
18	3.18	2.938	2.548	44.3	15.9	0.987	0.226	4.36	0.574	50.2	31.3	3.498	18
19	3.33	2.928	2.508	36.0	13.7	0.737	0.227	3.80	0.776	63.6	26.8	3.458	19
20	3.32	2.938	2.478	28.7	10.3	0.595	0.208	2.83	1.31	43.8	21.3	4.008	20
21	3.38	2.948	2.448	23.8	8.85	0.545	0.200	2.21	2.10	28.6	19.0	6.208	21
22	3.288	2.898	2.418	20.1	11.9	0.524	0.190	1.88	2.74	22.2	16.4	5.858	22
23	3.178	2.788	2.408	16.5	12.4	0.520	0.197	1.49	2.55	16.4	14.3	5.708	23
24	3.058	2.678	2.418	16.9	10.3	0.521	0.290	1.21	2.18	16.8	13.0	5.458	24
25	2.958	2.588	2.908	18.6	8.06	0.869	0.582	1.14	1.92	21.4	12.3	5.208	25
26	2.868	2.508	4.208	14.0	6.77	1.39	0.983	1.46	1.53	23.4	11.4	5.008	26
27	2.778	2.448	5.008	16.3	8.08	1.53	0.932	1.87	2.00	20.5	10.5	4.858	27
28	2.708	2.378	15.0 B	15.8	9.06	1.44	0.705	2.13	2.73	21.9	30.3	4.708	28
29	2.858	2.338	17.0 B	18.8	8.88	1.16	0.531	1.84	3.25	26.6	27.5	4.558	29
30	2.86		29.0 B	16.8	6.11	0.894	0.388	1.86	2.88	27.4	22.2	4.458	30
31	3.53		44.0 B		5.89		0.353	1.71		23.1		4.358	31
TOTAL	102.64	104.18	179.80	1 956.4	415.51	57.182	12.365	51.395	44.199	541.45	745.3	197.80	TOTAL
MEAN	3.31	3.59	5.79	85.2	13.4	1.91	0.399	1.66	1.47	17.5	24.8	6.38	MEAN
MAX	4.50	7.15	44.0	163	31.0	5.36	0.983	5.74	3.25	63.6	38.1	18.0	MAX
MIN	2.86	2.33	2.01	16.8	5.89	0.520	0.190	0.180	0.513	3.22	11.4	3.45	MIN

SUMMARY FOR THE YEAR 1988

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 12.0
MAXIMUM DAILY, 163 ON APR 7
MINIMUM DAILY, 0.180 ON AUG 8
MAXIMUM INSTANTANEOUS,
185 AT 19 15 EST ON APR 7

TYPE OF GAUGE - RECORDING
LOCATION - LAT 45 24 07 N
LONG 80 06 00 W
DRAINAGE AREA, 741 km²

B - ICE CONDITIONS

NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	8 880	JUL	1 070
FEB	9 000	AUG	4 440
MAR	15 500	SEP	3 820
APR	169 000	OCT	46 800
MAY	35 900	NOV	64 400
JUN	4 940	DEC	17 100

TOTAL DISCHARGE, 381 000 dam³

WABIGOON RIVER AT DRYDEN - STATION NO. 05OD015

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1988

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	2.27	2.27	2.27	7.65	8.21	6.65	6.80	10.5	6.51	6.09	6.51	7.08	1
2	2.27	2.27	2.27	7.65	8.21	6.80	7.22	10.5	6.09	6.51	7.08	7.65	2
3	2.27	2.27	2.27	7.65	8.65	6.80	7.22	10.5	6.09	6.51	7.08	7.65	3
4	2.27	2.27	2.27	7.65	8.65	6.80	7.22	10.5	6.09	6.51	7.08	7.65	4
5	2.27	2.27	2.27	7.65	8.65	6.80	7.22	10.5	6.09	6.51	7.08	7.65	5
6	2.27	2.27	2.27	7.65	8.65	6.80	7.22	10.5	6.09	6.51	7.08	7.65	6
7	2.27	2.27	2.27	7.65	8.65	6.80	7.22	6.51	6.09	6.51	7.08	7.65	7
8	2.27	2.27	2.27	7.65	8.65	6.80	7.22	6.51	6.09	6.51	7.08	7.65	8
9	2.27	2.27	2.27	8.21	8.65	6.80	7.22	6.51	6.09	6.51	7.08	7.65	9
10	2.27	2.27	2.27	8.21	8.65	6.80	7.22	6.51	6.09	6.51	7.08	7.65	10
11	2.27	2.27	2.27	8.21	8.65	6.80	7.22	6.51	6.09	6.51	7.08	7.65	11
12	2.27	2.27	2.27	8.21	8.65	6.80	7.22	6.51	6.09	6.51	7.08	7.65	12
13	2.27	2.27	2.27	8.21	8.65	6.80	7.22	6.51	6.09	6.51	7.08	7.65	13
14	2.27	2.27	2.27	8.21	8.65	6.80	7.22	6.51	6.09	6.51	7.08	7.65	14
15	2.27	2.27	2.27	8.21	8.65	6.80	11.0	6.51	6.09	6.51	7.08	7.65	15
16	2.27	2.27	2.27	8.21	8.65	6.80	11.0	6.51	6.09	6.51	7.08	7.65	16
17	2.27	2.27	2.27	8.21	8.65	6.80	11.0	6.51	6.09	6.51	7.08	7.65	17
18	2.27	2.27	2.27	8.21	8.65	6.80	11.0	6.51	6.09	6.51	7.08	7.65	18
19	2.27	2.27	2.27	8.21	8.65	6.80	11.0	6.51	6.09	6.51	7.08	7.65	19
20	2.27	2.27	2.27	8.21	8.65	6.80	11.0	6.51	6.09	6.51	7.08	7.65	20
21	2.27	2.27	7.65	8.21	8.65	6.80	11.0	6.51	6.09	6.51	7.08	7.65	21
22	2.27	2.27	7.65	8.21	8.65	6.80	11.0	6.51	6.09	6.51	7.08	7.65	22
23	2.27	2.27	7.65	8.21	8.65	6.80	11.0	6.51	6.09	6.51	7.08	7.65	23
24	2.27	2.27	7.65	8.21	8.65	6.80	11.0	6.51	6.09	6.51	7.08	7.65	24
25	2.27	2.27	7.65	8.21	8.65	6.80	11.0	6.51	6.09	6.51	7.08	7.65	25
26	2.27	2.27	7.65	8.21	8.65	6.80	11.0	6.51	6.09	6.51	7.08	7.65	26
27	2.27	2.27	7.65	8.21	8.65	6.80	11.0	6.51	6.09	6.51	7.08	7.65	27
28	2.27	2.27	7.65	8.21	8.65	6.80	11.0	6.51	6.09	6.51	7.08	7.65	28
29	2.27	2.27	7.65	8.21	8.65	6.80	11.0	6.51	6.09	6.51	7.08	7.65	29
30	2.27		7.65	8.21	8.65	6.80	11.0	6.51	6.09	6.51	7.08	7.65	30
31	2.27		7.65		8.65		11.0	6.51		6.51		7.65	31
TOTAL	70.37	65.63	129.55	241.82	269.27	203.85	287.85	225.75	183.12	281.39	211.83	236.58	TOTAL
MEAN	2.27	2.27	4.18	8.06	8.75	6.80	9.28	7.28	6.10	6.50	7.06	7.63	MEAN
MAX	2.27	2.27	7.65	8.21	8.80	11.0	10.5	6.51	6.09	6.51	7.08	7.65	MAX
MIN	2.27	2.27	2.27	7.65	8.65	6.80	6.51	6.09	6.09	6.09	6.51	7.08	MIN

SUMMARY FOR THE YEAR 1988

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 6.18
MAXIMUM DAILY, 11.0 ON JUL 15
MINIMUM DAILY, 2.27 ON JAN 1

DATA CONTRIBUTED BY -
GREAT LAKES FOREST PRODUCTS LIMITED

TYPE OF GAUGE - POWER PLANT
LOCATION - LAT 49 49 45 N
LONG 92 52 15 W
DRAINAGE AREA, 2 300 km²

REGULATED

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	5 080	JUL	24 800
FEB	5 690	AUG	19 500
MAR	11 200	SEP	15 800
APR	20 900	OCT	17 400
MAY	16 100	NOV	18 300
JUN	17 800	DEC	20 400

TOTAL DISCHARGE, 196 000 dam³

WABIGOON RIVER NEAR QUIBELL - STATION NO. 05QD005

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1986

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	11.6	11.6	11.9	19.0	34.1	20.3	20.1	26.2	15.7	16.8	17.3	18.7	1
2	11.6	11.4	11.8	18.4	34.5	20.2	19.5	25.6	16.1	16.7	17.0	18.8	2
3	11.7	11.4	11.8	20.8	34.2	20.2	18.2	24.9	16.2	16.3	17.2	18.7	3
4	11.5	11.5	11.8	21.5	33.3	19.3	17.8	24.4	15.8	16.6	17.5	18.7	4
5	11.5	11.3	12.0	22.4	31.5	19.2	18.3	23.8	15.5	16.1	17.3	18.7	5
6	11.4	11.6	12.3	24.0	30.5	18.8	20.4A	23.5	15.3	15.8	17.2	18.4	6
7	11.4	11.8	12.3	26.9	30.5	18.7	25.8	23.3	15.2	15.2	17.0	18.4	7
8	11.5	11.6	12.5	31.8	28.5	18.5	41.1	23.1	14.8	15.2	17.0	18.2	8
9	11.5	11.5	12.3	41.6	26.8	18.2	47.7	22.1	13.9	15.8	17.2	18.0	9
10	11.6	11.2	12.2	46.3	26.4	17.9	46.3	20.1	14.0	16.1	17.1	17.88	10
11	11.8	11.2	12.1	46.5	26.5	17.8	38.7	18.7	14.9	15.2	16.8	17.68	11
12	11.4	11.5	12.0	50.7	26.6	17.3	35.6	18.3	15.5	15.3	17.0	17.98	12
13	11.0	12.0	11.9	60.5	26.6	17.3	32.5	18.2	15.9	15.3	17.2	18.28	13
14	11.2	12.2	11.8	66.2	26.5	18.3	30.6	18.1	16.1	15.3	17.1	17.98	14
15	11.7	12.0	12.0	64.2	26.3	22.3	28.2	17.9	16.2	15.4	17.6	17.48	15
16	12.1	12.1	12.1	58.7	24.7	25.0	28.0	17.8	15.6	15.3	18.1	17.48	16
17	12.0	12.0	12.1	55.7	24.3	28.3	29.0	18.1	15.9	15.3	18.3	17.88	17
18	11.8	12.0	12.1	54.3	23.7	28.2	28.2	17.7	16.3	15.5	18.8	17.78	18
19	11.9	12.2	12.0	50.4	23.0	24.6	28.7	17.0	17.2	15.5	19.1	17.68	19
20	11.8	12.2	12.0	46.6	23.0	24.8	29.1	16.7	17.7	15.3	19.4	17.78	20
21	11.8	11.8	12.0	40.7	23.1	23.8	28.4	16.6	18.2	15.2	19.5	17.78	21
22	11.8	11.9	13.4	36.9	22.9	22.2	27.9	16.6	18.0	15.6	19.6	17.88	22
23	11.9	11.8	17.5	33.8	22.4	21.2	27.3	16.8	17.6	15.8	19.5	17.98	23
24	11.7	11.8	18.0	32.2	21.9	21.7	26.6	16.6	17.7	15.8	19.7	17.68	24
25	11.6	11.7	20.2	31.4	21.2	21.4	26.1	16.5	17.2	15.8	19.8	17.69	25
26	11.5	11.9	19.8	31.7	20.6	21.5	25.6	16.7	16.9	15.9	19.3	17.38	26
27	11.3	12.0	19.6	32.1	20.2	21.1	25.4	16.3	16.6	16.9	19.1	17.78	27
28	11.6	12.1	19.5	32.5	20.3	21.2	25.3	16.2	16.9	16.7	18.8	17.58	28
29	11.9	12.0	19.5	32.7	20.8	20.9	24.8	16.3	17.0	16.6	18.5	17.08	29
30	11.8		19.4	33.0	20.8	20.5	27.2	16.8	16.8	17.1	18.6	17.18	30
31	11.7		19.3		20.6		27.0	16.6		17.4		17.48	31
TOTAL	380.3	341.3	440.3	1 163.7	795.4	626.2	878.4	595.2	486.5	485.8	543.3	553.8	TOTAL
MEAN	11.6	11.8	14.2	38.8	25.7	20.9	28.3	19.2	16.2	15.0	18.1	17.9	MEAN
MAX	12.1	12.2	20.2	66.2	34.5	28.3	47.7	26.2	18.2	17.4	19.7	18.8	MAX
MIN	11.0	11.2	11.8	18.8	20.2	17.3	17.8	15.8	13.9	15.1	16.8	17.0	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 19.8
MAXIMUM DAILY, 66.2 ON APR 14
MINIMUM DAILY, 11.0 ON JAN 13
MAXIMUM INSTANTANEOUS,
66.8 AT 15 35 CST ON APR 14

SUMMARY FOR THE YEAR 1986

TYPE OF GAUGE - RECORDING
LOCATION - LAT 49 57 20 N
LONG 93 23 50 W
DRAINAGE AREA, 6 370 km²
A - MANUAL GAUGE
B - ICE CONDITIONS

REGULATED SINCE 1914

MONTHLY TOTAL DISCHARGE
IN CUBIC DECAMETRES

JAN	31 100	JUL	75 800
FEB	28 500	AUG	51 500
MAR	36 000	SEP	42 000
APR	101 000	OCT	42 600
MAY	68 700	NOV	46 800
JUN	54 100	DEC	47 900

TOTAL DISCHARGE, 628 000 dam³

WABOOSE LAKE RESERVOIR AT WABOOSE DAM - STATION NO. 04EB002

DAILY WATER LEVEL IN METRES FOR 1986

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	324.810	324.950	324.990	324.830	325.030	325.350	325.680	325.900	325.820	326.830	327.020	326.570	1
2	324.810	324.980	324.990	324.830	325.040	325.370	325.690	325.880	325.840	326.880	327.010	326.550	2
3	324.810	324.980	324.990	324.830	325.030	325.390	325.690	325.880	326.040	326.930	327.000	326.530	3
4	324.820	324.980	324.990	324.840	325.010	325.420	325.900	325.880	325.850	326.990	326.980	326.510	4
5	324.820	324.970	324.990	324.880	325.000	325.440	325.880	325.880	325.850	327.040	326.940	326.490	5
6	324.820	324.970	324.990	324.870	324.990	325.440	325.920	325.910	325.890	327.090	326.940	326.470	6
7	324.830	324.970	324.990	324.880	324.980	325.480	325.940	325.910	325.880	327.140	326.930	326.480	7
8	324.830	324.970	324.980	324.860	324.970	325.500	325.980	325.910	325.870	327.170	326.910	326.440	8
9	324.840	324.970	324.980	324.830	325.030	325.520	325.970	325.900	325.880	327.210	326.900	326.420	9
10	324.840	324.970	324.970	324.840	325.130	325.520	325.980	325.890	325.880	327.280	326.880	326.400	10
11	324.850	324.970	324.980	324.870	325.080	325.540	325.970	325.880	325.880	327.280	326.880	326.390	11
12	324.850	324.980	324.950	324.920	325.040	325.550	325.960	325.880	325.930	327.250	326.840	326.380	12
13	324.860	324.980	324.940	324.980	325.130	325.550	325.970	325.880	325.980	327.180	326.830	326.350	13
14	324.860	324.980	324.940	325.000	325.110	325.570	325.980	325.840	325.980	327.140	326.810	326.330	14
15	324.870	324.980	324.930	324.870	325.130	325.610	325.970	325.840	326.000	327.140	326.780	326.320	15
16	324.880	324.980	324.920	324.880	325.120	325.650	325.980	325.850	326.010	327.180	326.780	326.280	16
17	324.890	324.990	324.920	324.940	325.130	325.670	325.990	325.820	326.050	327.170	326.800	326.280	17
18	324.900	324.990	324.910	324.900	325.140	325.680	325.970	325.820	326.070	327.180	326.780	326.260	18
19	324.900	324.990	324.900	324.860	325.150	325.710	325.970	325.800	326.100	327.150	326.760	326.230	19
20	324.910	324.980	324.890	324.850	325.160	325.770	325.970	325.780	326.170	327.140	326.750	326.230	20
21	324.910	324.980	324.890	324.840	325.170	325.750	325.980	325.790	326.190	327.150	326.730	326.200	21
22	324.920	325.000	324.880	324.840	325.190	325.760	325.980	325.740	326.220	327.130	326.730	326.180	22
23	324.920	325.000	324.880	324.850	325.230	325.780	325.950	325.780	326.280	327.100	326.700	326.180	23
24	324.920	325.000	324.870	324.910	325.230	325.780	325.950	325.770	326.310	327.120	326.670	326.180	24
25	324.930	325.000	324.870	324.980	325.230	325.810	325.940	325.790	326.390	327.120	326.680	326.140	25
26	324.930	325.000	324.870	324.980	325.250	325.850E	325.920	325.790	326.420	327.110	326.640	326.120	26
27	324.940	325.000	324.880	325.020	325.250	325.850E	325.920	325.800	326.510	327.070	326.630	326.110	27
28	324.940	325.000	324.850	325.080	325.280	325.850E	325.920	325.810	326.590	327.110	326.620	326.100	28
29	324.940	324.980	324.850	325.080	325.280	325.870	325.930	325.810	326.670	327.080	326.600	326.080	29
30	324.940		324.840	325.030	325.330	325.870	325.930	325.800	326.760	327.060	326.590	326.070	30
31	324.950		324.840		325.350		325.900	325.800		327.030		326.050	31
MEAN	324.878	324.981	324.923	324.900	325.135	325.630	325.943	325.838	326.101	327.109	326.801	326.298	MEAN
MAX	324.950	325.000	324.990	325.080	325.350	325.870	325.990	325.910	326.760	327.280	327.020	326.570	MAX
MIN	324.810	324.950	324.840	324.820	324.970	325.350	325.880	325.740	325.820	326.830	326.590	326.050	MIN

WATER LEVELS IN METRES

MEAN, 325.714
MAXIMUM DAILY, 327.280 ON OCT 10
MINIMUM DAILY, 324.810 ON JAN 1

SUMMARY FOR THE YEAR 1986

TYPE OF GAUGE - RECORDING
LOCATION - LAT 50 45 20 N
LONG 87 59 40 W
DATA CONTRIBUTED BY -
ONTARIO HYDRO

E - ESTIMATED

REGULATED

WATER LEVELS ARE REFERRED TO GEODETIC SURVEY OF CANADA DATUM

WANAPITEI LAKE AT BOWLANDS BAY - STATION NO. 02DA002

DAILY WATER LEVEL IN METRES FOR 1988

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	285.410	285.000	285.800	285.470	287.190	287.590	287.500	287.580	287.650	287.460	287.670	287.380	1
2	285.390	285.890	285.800	285.460	287.210	287.590	287.510	287.600	287.640	287.470	287.700	287.340	2
3	285.370	285.980	285.780	285.470	287.250	287.570	287.520	287.590	287.650	287.510	287.690	287.320	3
4	285.350	285.980	285.790	285.480	287.270	287.560	287.520	287.600	287.640	287.500	287.700	287.280	4
5	285.330	285.950	285.790	285.550	287.300	287.540	287.520	287.580	287.650	287.490	287.730	287.250	5
6	285.300	285.940	285.780	285.600	287.300	287.490	287.530	287.620	287.620	287.490	287.770	287.250	6
7	285.280	285.930	285.770	285.670	287.320	287.480	287.540	287.630	287.610	287.480	287.780	287.200	7
8	285.270	285.930	285.770	285.790	287.330	287.500	287.540	287.620	287.600	287.480	287.770	287.190	8
9	285.250	285.920	285.790	285.840	287.350	287.490	287.540	287.630	287.590	287.480	287.750	287.170	9
10	285.240	285.910	285.780	285.890	287.360	287.470	287.560	287.640	287.570	287.490	287.750	287.140	10
11	285.220	285.900	285.780	286.100	287.430	287.480	287.580	287.630	287.570	287.480	287.750	287.110	11
12	285.230	285.900	285.750	286.180	287.460	287.440	287.570	287.630	287.580	287.480	287.730	287.080	12
13	285.210	285.880	285.780	286.280	287.500	287.430	287.570	287.640	287.580	287.480	287.720	287.050	13
14	285.170	285.880	285.780	286.400	287.540	287.430	287.570	287.690	287.550	287.480	287.700	287.020	14
15	285.180	285.890	285.750	286.520	287.580	287.410	287.580	287.680	287.540	287.480	287.680	287.000	15
16	285.150	285.880	285.750	286.620	287.580	287.410	287.570	287.680	287.540	287.480	287.670	286.980	16
17	285.130	285.880	285.730	286.700	287.610	287.410	287.580	287.700	287.520	287.480	287.670	286.960	17
18	285.130	285.880	285.720	286.810	287.610	287.410	287.570	287.700	287.530	287.480	287.650	286.940	18
19	285.110	285.880	285.700	286.870	287.620	287.400	287.570	287.680	287.520	287.480	287.620	286.910	19
20	285.100	285.880	285.670	286.920	287.630	287.420	287.570	287.680	287.510	287.490	287.600	286.900	20
21	285.090	285.880	285.850	286.960	287.630	287.420	287.590	287.690	287.530	287.500	287.590	286.880	21
22	285.080	285.880	285.830	286.980	287.660	287.420	287.580	287.670	287.530	287.520	287.550	286.860	22
23	285.070	285.840E	285.820	287.010	287.700	287.460	287.580	287.670	287.510	287.530	287.530	286.860	23
24	285.060	285.830E	285.880	287.050	287.680	287.450	287.580	287.680	287.490	287.550	287.500	286.830	24
25	285.070	285.820	285.570	287.080	287.700	287.460	287.620	287.670	287.500	287.570	287.480	286.820	25
26	285.040	285.820E	285.530	287.070	287.680	287.480	287.620	287.670	287.480	287.580	287.430	286.800	26
27	285.030	285.820E	285.530	287.080	287.670	287.480	287.620	287.670	287.480	287.590	287.410	286.770	27
28	285.030	285.820E	285.520	287.130	287.660	287.510	287.620	287.670	287.480	287.620	287.410	286.780	28
29	285.000	285.820	285.480	287.150	287.640	287.510	287.610	287.670	287.470	287.630	287.400	286.780	29
30	285.980		285.480	287.180	287.630	287.510	287.590	287.670	287.470	287.650	287.370	286.740	30
31	285.980		285.480		287.610		287.620	287.670		287.650		286.720	31
MEAN	285.168	285.890	285.688	286.414	287.507	287.473	287.588	287.652	287.553	287.518	287.625	287.008	MEAN
MAX	286.410	286.000	285.800	287.180	287.700	287.590	287.620	287.700	287.660	287.650	287.780	287.380	MAX
MIN	285.980	285.820	285.480	285.460	287.190	287.400	287.500	287.580	287.470	287.460	287.370	286.720	MIN

SUMMARY FOR THE YEAR 1988

WATER LEVELS IN METRES

MEAN, 287.008
MAXIMUM DAILY, 287.780 ON NOV 7
MINIMUM DAILY, 285.460 ON APR 2

TYPE OF GAUGE - MANUAL
LOCATION - LAT 46 39 22 N
LONG 80 46 03 W
DATA CONTRIBUTED BY - ONTARIO HYDRO

E - ESTIMATED

REGULATED SINCE 1933

WATER LEVELS ARE REFERRED TO GEODETIC SURVEY OF CANADA DATUM

WANAPITEI RIVER NEAR WANUP - STATION NO. 02DB005

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1988

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	45.8	31.2	20.5	108	85.4	85.1 A	2.72	2.25	17.4	20.1	38.8	103	1
2	45.7	30.1	20.5	116	83.5	79.4	2.51	3.65	17.6	32.9	40.4	98.2	2
3	45.1	28.9	20.6	126	83.8	76.7	2.44	9.63	18.5	31.2	41.9	95.9	3
4	44.1	28.7	20.4	134	85.3	69.6	2.41	7.41	18.5	26.6	35.6	94.6A	4
5	45.2	29.3	19.8	141	86.6	70.7	2.39	3.30	19.1	26.6	37.1	86.0E	5
6	41.6	28.9	19.6	112	87.0	69.1	2.44	4.44	18.8	25.3	71.6	82.5E	6
7	28.9	28.5	19.9	93.0	88.4	65.4	2.71	7.33	18.0	26.5	103	80.0E	7
8	35.6	27.8	19.7	88.1	89.0	65.9	5.68	7.46	17.8	25.8	118	78.0E	8
9	37.9	26.4	19.9	77.6	87.2	67.1	3.98	7.87	17.5	24.7	120	76.5E	9
10	37.4	28.4	22.6	66.7	62.9	65.8	2.76	10.3	17.5	24.8	121	74.0E	10
11	36.9	25.3	24.8	55.0	59.7	65.5	2.65	10.5	16.0	25.0	123	70.5E	11
12	36.1	25.1	24.9	44.3	59.0	65.0	2.27	8.55	18.3	25.5	122	66.0E	12
13	35.4	24.9	22.8	39.3	61.4	63.0	2.20	10.7	18.1	25.1	119	61.5E	13
14	34.8	24.8	23.8	45.0	79.4	58.3	4.85	21.1	20.4	24.8	116	62.0E	14
15	34.9	25.6	23.6	67.0	80.5	53.2	5.33	22.2	20.2	24.5	120	65.0E	15
16	35.1	27.2	31.6	62.9	82.3	16.3	5.36	19.7	20.1	24.1	117	68.0E	16
17	34.6	24.5	35.5	58.3	83.5	18.1	5.48	14.9	19.9	23.8	116	69.5E	17
18	34.1	24.5	38.8	57.0	87.5	20.7	5.30	16.4	19.8	40.7	114	67.5E	18
19	32.7	24.4	40.3	57.4	87.7	18.8	2.96	16.2	19.5	52.0	114	66.5E	19
20	32.5	24.3	41.5	83.5	87.4	14.5	1.71	9.08	18.0	42.1	119	62.0E	20
21	33.2	24.2	41.5	83.9	87.0	12.7	3.17	16.2	18.7	36.2	118	60.0A	21
22	34.0	24.2	40.7	84.3	88.5	12.7	3.09	17.2	20.9	35.1	117	55.8	22
23	31.7	23.6	41.0	83.2	90.8	12.6	7.42	14.1	21.1	33.6	113	54.1	23
24	31.3	23.0	42.3	81.0	91.8	12.4	6.37	14.5	20.7	32.2	107	54.1	24
25	31.1	22.7	44.5	80.6	102	12.8	3.13	16.1	20.3	36.5	105	53.7	25
26	30.8	21.6	50.3	80.6	104	12.9	8.98	12.1	20.1	38.3	101	52.5	26
27	30.1	21.5	65.2	81.4	103	12.0	10.5	15.5	18.7	34.3	108	50.0	27
28	29.4	21.3	68.9	87.0	102	9.32	6.23	16.5	20.4	41.1	115	46.4	28
29	29.1	21.0	65.5	93.5	100	4.89	5.47	16.4	21.3	48.3	112	45.1	29
30	29.1		75.8	92.9	98.2	3.42	5.72	20.0	21.1	48.4	107	44.8	30
31	29.8		102		97.8A		3.08	17.7		43.4		45.0	31
TOTAL	1 096.3	742.1	1 148.6	2 490.3	2 874.6	1 038.03	130.37	395.06	579.2	1 003.6	3 011.5	2 018.8	TOTAL
MEAN	35.4	25.6	37.1	83.0	88.3	34.6	4.21	12.7	19.3	32.4	100	65.2	MEAN
MAX	45.8	31.2	102	141	104	88.1	10.5	22.2	21.3	52.0	123	103	MAX
MIN	28.9	21.0	19.7	39.3	59.0	3.42	1.71	2.25	17.4	20.1	35.6	44.8	MIN

SUMMARY FOR THE YEAR 1988

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 44.8
MAXIMUM DAILY, 141 ON APR 5
MINIMUM DAILY, 1.71 ON JUL 20
MAXIMUM INSTANTANEOUS,
148 AT 03:00 EST ON APR 5

TYPE OF GAUGE - RECORDING
LOCATION - LAT 46 20 40 N
LONG 80 50 24 W
DRAINAGE AREA, 3 130 km²
A - MANUAL GAUGE

E - ESTIMATED
REGULATED

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	94 800	JUL	11 300
FEB	64 100	AUG	34 100
MAR	99 200	SEP	50 000
APR	215 000	OCT	86 700
MAY	231 000	NOV	260 000
JUN	89 700	DEC	175 000

TOTAL DISCHARGE, 1 410 000 dam³

WATABEAG RIVER AT WATABEAG LAKE DAM - STATION NO. 04MB003

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1988

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	0	0	---	---	0	8.70	---	0.400	5.00	0	3.10	8.80	1
2	0	0	---	---	0	8.40	---	0.400	4.80	0	3.10	9.90	2
3	0	0	---	---	0	8.00	---	0.500	4.80	0	5.70	9.80	3
4	0	0	---	---	0	7.70	---	0.800	4.80	0	5.70	9.40	4
5	0	0	---	---	0	7.50	---	0.800	4.50	0	5.70	9.00	5
6	0	0	---	---	0	7.30	---	0.800	4.30	0	5.70	8.70	6
7	0	0	---	---	0	7.00	---	0.700	4.30	0	5.70	8.40	7
8	0	0	---	---	0	6.80	---	0.700	4.00	0	5.70	8.00	8
9	0	0	---	---	0	6.60	---	0.800	3.90	0	5.70	7.70	9
10	0	0	---	---	0	6.40	---	1.80	3.80	0	5.70	7.60	10
11	0	0	---	---	0	6.10	---	2.80	3.70	0	5.70	7.30	11
12	0	0	---	---	0	5.80	---	2.50	1.70	0	5.80	7.00	12
13	0	0	---	---	0	5.70	---	2.80	0	0	5.80	6.80	13
14	0	0	---	---	0	5.80	---	2.70	0	0.300	5.80	4.10	14
15	0	0	---	---	0	3.00	0.300	2.80	0	3.70	5.80	0	15
16	0	2.80	---	---	0	0	---	8.20	0	3.70	7.10	0	16
17	0	7.60	---	---	0	0	---	7.80	0	3.10	8.80	0	17
18	0	7.20	---	---	0	0	---	7.70	0	3.10	8.70	0	18
19	0	6.70	---	---	0	0	---	7.50	0	3.10	8.80	0	19
20	0	6.30	---	---	0	0.100	---	7.30	0	3.10	8.50	0	20
21	0	5.80	---	---	0	0.100	---	7.00	0	3.10	8.40	0	21
22	0	5.40	---	---	0	0.100	---	6.60	0	3.10	8.20	0	22
23	0	4.80	---	---	0	0.100	---	6.70	0	3.10	8.00	0	23
24	0	4.50	---	---	0	0.100	---	6.60	0	3.10	7.80	0	24
25	0	4.10	---	---	0	0.200	---	6.40	0	3.10	7.70	0	25
26	0	3.70	---	---	0	0.200	---	6.30	0	3.10	7.60	0	26
27	0	3.30	---	---	0	0.200	---	6.10	0	3.10	7.50	0	27
28	0	2.80	0	---	0	0.200	---	5.60	0	3.10	7.40	0	28
29	0	2.40	0	---	0.100	0.200	0.400	5.80	0	3.10	7.30	0	29
30	0		0	---	0.100	0.200	0.400	5.40	0	3.10	7.00	0	30
31	0		0		2.70		---	5.20		3.10		0	31
TOTAL	0	87.50	---	---	3.900	102.400	---	124.900	49.40	54.200	199.40	113.20	TOTAL
MEAN	0	2.33	---	---	0.084	3.41	---	4.03	1.65	1.75	6.65	3.62	MEAN
MAX	0	7.60	---	---	2.70	8.70	---	7.80	5.00	3.70	8.80	9.90	MAX
MIN	0	0	---	---	0	0	---	0.400	0	0	3.10	0	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MINIMUM DAILY, 0 ON JAN 1

DATA CONTRIBUTED BY -
ONTARIO HYDRO

SUMMARY FOR THE YEAR 1988

TYPE OF GAUGE - MANUAL
LOCATION - LAT 48 17 34 N
LONG 80 32 43 W
DRAINAGE AREA, 238 km²

REGULATED

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	0	JUL	---
FEB	5 830	AUG	10 800
MAR	---	SEP	4 270
APR	---	OCT	4 680
MAY	261	NOV	17 200
JUN	8 850	DEC	9 690

WAUBUNO CREEK NEAR DORCHESTER - STATION NO. 02GD020

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1988

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	0.5008	4.80 B	0.7408	1.80	0.466	0.167	0.013	0.312	0.028	0.083	0.812	0.614	1
2	0.4008	2.75 B	0.7208	1.32	0.407	0.167	0.016	0.279	0.028	0.082	0.483	0.723	2
3	0.3008	2.50 B	0.8508	3.23	0.358	0.157	0.015	0.174	0.031	0.081	0.438	0.671	3
4	0.2708	1.30 B	0.7508	8.48	0.331	0.144	0.017	0.113	0.445	0.100	0.440	0.613	4
5	0.2408	1.00 B	0.7008	3.25	0.307	0.123	0.008	0.084	1.18	0.086	0.719	0.588	5
6	0.2208	0.9508	1.00 B	2.22	0.283	0.103	0.004	0.100	0.485	0.082	2.62	0.523	6
7	0.2008	0.8208	2.00 B	1.78	0.258	0.084	0 A	0.070	0.232	0.078	2.88	0.511	7
8	0.1808	0.6008	5.00 B	1.41	0.241	0.083	0.007	0.055	0.155	0.078	2.51	0.467	8
9	0.1708	0.7408	14.0 B	1.09	0.254	0.081	0.008	0.045	0.119	0.083	2.81	0.4208	9
10	0.1608	0.7208	9.50 B	0.932	0.432	0.078	0.010	0.243	0.098	0.109	3.32	0.4008	10
11	0.1508	0.6908	2.98	0.793	0.358	0.085	0.025	0.218	0.080	1.59	3.88	0.3808	11
12	0.1408	0.6708	2.71	0.886	0.297	0.080	0.018	0.113	0.074	2.88	2.15	0.3608	12
13	0.1358	0.6808	2.12	0.584	0.270	0.048	0.015	0.078	0.071	1.85	5.78	0.434	13
14	0.1308	0.6408	1.83 B	0.557	0.245	0.039	0.010	0.054	0.067	1.09	5.70	0.452	14
15	0.1258	0.7008	1.21 B	0.601	0.280	0.038	0.007	0.089	0.060	0.713	2.82	0.4908	15
16	0.1208	1.00 B	1.07	0.573	0.598	0.032	0.017	0.155	0.051	0.483	2.08	0.4508	16
17	0.2508	1.10 B	0.9488	0.513	0.843	0.027	0.093	0.087	0.055	0.377	1.84	0.420	17
18	0.4008	1.05 B	0.889	0.614	0.548	0.026	0.097	0.059	0.054	2.81	1.45	0.438	18
19	0.9008	1.02 B	0.9808	0.580	0.428	0.033	0.061	0.045	0.055	2.85	1.14	0.467	19
20	0.8508	1.01 B	0.9208	0.500	0.391	0.038	0.037	0.037	0.052	1.68	1.85	0.758	20
21	0.8008	0.8808	0.7208	0.586	1.23	0.023	0.030	0.031	0.050	1.32	8.81	2.14	21
22	0.6808	0.8408	0.8608	0.519	1.53	0.018	0.035	0.028	0.058	1.38	4.28	1.14	22
23	0.5308	1.25 B	0.8008	0.528	0.938	0.024	0.188	0.030	0.107	1.23	2.58	2.98	23
24	0.4308	1.50 B	4.67	0.585	0.864	0.017	0.250	0.038	0.118	1.28	1.84	2.21	24
25	0.3708	1.30 B	8.05	0.452	0.484	0.017	0.384	0.084	0.107	1.78	1.44	1.34	25
26	0.3408	1.10 B	10.3	0.417	0.388	0.018	0.187	0.051	0.083	1.51	1.21	1.10 B	26
27	0.3208	0.9408	5.33	0.403	0.331	0.018	0.120	0.043	0.070	1.03	1.15	1.40	27
28	0.3108	0.9008	2.80	0.407	0.281	0.012	0.183	0.037	0.083	0.890	1.02	10.8	28
29	0.3008	0.8008	3.08	0.480	0.243	0.020	0.145	0.035	0.055	0.782	0.897	3.85	29
30	0.4408		2.71	0.526	0.214	0.014	0.085	0.030	0.048	0.637	0.859	2.00 B	30
31	2.00 B		1.86		0.187		0.400	0.028		0.530		1.21 B	31
TOTAL	12.340	34.530	80.197	34.181	14.089	1.786	2.482	2.835	4.230	29.815	70.188	40.087	TOTAL
MEAN	0.398	1.19	2.91	1.14	0.454	0.059	0.079	0.091	0.141	0.962	2.34	1.29	MEAN
MAX	2.00	4.80	14.0	8.48	1.53	0.187	0.400	0.312	1.18	2.88	8.81	10.8	MAX
MIN	0.120	0.840	0.880	0.403	0.187	0.012	0	0.028	0.028	0.053	0.438	0.360	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 0.820
MAXIMUM DAILY, 14.08 ON MAR 9
MINIMUM DAILY, 0A ON JUL 7
MAXIMUM INSTANTANEOUS,
14.7 AT 09:27 EST ON DEC 28

SUMMARY FOR THE YEAR 1988

TYPE OF GAUGE - RECORDING
LOCATION - LAT 42 59 40 N
LONG 81 07 00 W
DRAINAGE AREA, 103 km²
A - MANUAL GAUGE
B - ICE CONDITIONS

NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	1 070	JUL	213
FEB	2 980	AUG	345
MAR	7 790	SEP	355
APR	3 450	OCT	2 580
MAY	1 220	NOV	6 080
JUN	153	DEC	3 460

TOTAL DISCHARGE, 29 100 dam³

WEBBER DRAIN AT HIGHWAY #59 (PITTOCK CONTROL) - STATION NO. 02GD024

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1988

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	---	---	---	---	---	---	---	0.001	0.001	0.001	0.001	0.002	1
2	---	---	---	---	---	---	---	0.001	0.001	0.001	0	0.002	2
3	---	---	---	---	---	---	---	0.001	0.001	0.001	0.001	0.002	3
4	---	---	---	---	---	---	---	0.001	0.001	0.001	0.001	0.001	4
5	---	---	---	---	---	---	---	0.001	0.001	0.001	0.001	0.001	5
6	---	---	---	---	---	---	---	0.001	0.001	0.001	0.001	0.001	6
7	---	---	---	---	---	---	---	0.001	0.001	0.001	0.001	0.001	7
8	---	---	---	---	---	---	---	0.001	0.001	0.001	0.002	0.001	8
9	---	---	---	---	---	---	---	0.001	0.001	0.001	0.002	0.001	9
10	---	---	---	---	---	---	---	0.001	0.001	0.001	0.018	0.001	10
11	---	---	---	---	---	---	---	0.001	0.001	0.001	0.011	0.001	11
12	---	---	---	---	---	---	---	0.001	0.001	0.001	0.006	0.001	12
13	---	---	---	---	---	---	---	0.001	0.001	0.001	0.041	0.001	13
14	---	---	---	---	---	---	---	0.001	0.001	0.001	0.026	0.001	14
15	---	---	---	---	---	---	---	0.001	0.001	0.001	0.013	0.001	15
16	---	---	---	---	---	---	---	0.001	0.001	0.001	0.010	0.001	16
17	---	---	---	---	---	---	---	0.001	0.001	0.001	0.007	0.001	17
18	---	---	---	---	---	---	---	0.001	0.001	0.001	0.003	0.001	18
19	---	---	---	---	---	---	---	0.001	0.001	0.001	0.002	0.001	19
20	---	---	---	---	---	---	---	0.001	0.001	0.001	0.027	0.008	20
21	---	---	---	---	---	---	---	0.001	0.001	0.001	0.048	0.002	21
22	---	---	---	---	---	---	---	0.001	0.001	0.001	0.021	0.002	22
23	---	---	---	---	---	---	---	0.001	0.001	0	0.014	0.021	23
24	---	---	---	---	---	---	---	0.001	0.001	0.001	0.011	0.008	24
25	---	---	---	---	---	---	---	0.001	0.001	0.001	0.007	0.003	25
26	---	---	---	---	---	---	---	0.001	0.001	0.001	0.008	0.002	26
27	---	---	---	---	---	---	---	0.001	0.001	0.001	0.007	0.033	27
28	---	---	---	---	---	---	---	0.001	0.001	0.001	0.008	0.101	28
29	---	---	---	---	---	---	0.001A	0.001A	0.001	0.001	0.003	0.032	29
30	---		---	---	---	---	0.001	0.001A	0.001	0.001	0.004	0.022	30
31	---		---		---		0.001	0.001		0.001		0.014	31
TOTAL	---	---	---	---	---	---	---	0.031	0.030	0.030	0.297	0.271	TOTAL
MEAN	---	---	---	---	---	---	---	0.001	0.001	0.001	0.010	0.008	MEAN
MAX	---	---	---	---	---	---	---	0.001	0.001	0.001	0.048	0.101	MAX
MIN	---	---	---	---	---	---	---	0.001	0.001	0	0	0.001	MIN

SUMMARY FOR THE YEAR 1988

TYPE OF GAUGE - RECORDING
LOCATION - LAT 43 15 23 N
LONG 80 49 24 W
DRAINAGE AREA, 3.72 km²
A - MANUAL GAUGE

NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	---	JUL	---
FEB	---	AUG	2.66
MAR	---	SEP	2.59
APR	---	OCT	2.59
MAY	---	NOV	25.7
JUN	---	DEC	23.4

REMARKS - STATION ACTIVATED AUG 1988

WELLAND CANAL DIVERSION FROM LAKE ERIE - STATION NO. 02HA019

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1988

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	231	224	215	239	250	248	234	229	225	211	208	219	1
2	231	223	206	226	243	241	234	211	223	199	210	228	2
3	227	224	206	229	234	239	232	152	224	198	193	217	3
4	228	226	198	235	233	240	240	133	227	198	198	215	4
5	208	229	198	221	245	245	237	145	227	201	193	223	5
6	231	219	194	237	249	243	242	195	218	195	212	219	6
7	275	220	222	236	251	237	230	180	222	188	214	224	7
8	272	228	221	238	255	237	235	241	218	207	204	212	8
9	265	226	217	239	250	238	232	225	223	197	206	213	9
10	210	227	207	241	248	240	223	222	224	213	198	148	10
11	248	219	214	240	238	239	225	232	230	214	178	185	11
12	227	230	223	234	239	233	222	228	219	208	172	214	12
13	214	232	229	235	236	238	223	223	217	198	215	225	13
14	213	226	230	225	244	231	233	214	217	202	177	218	14
15	214	226	227	222	248	235	231	228	208	203	168	233	15
16	214	226	230	164	245	231	222	220	204	198	182	212	16
17	225	227	229	158	238	244	228	220	222	202	226	218	17
18	220	225	228	153	237	230	234	223	217	194	225	225	18
19	217	223	227	164	234	226	223	217	215	196	183	214	19
20	220	221	223	172	241	243	235	214	219	197	211	222	20
21	227	226	226	161	246	238	227	212	214	197	217	208	21
22	226	226	222	211	236	243	229	210	208	198	217	186	22
23	226	222	224	215	241	231	192	216	204	203	208	204	23
24	223	227	225	198	240	227	164	225	213	215	218	189	24
25	223	225	224	195	242	225	224	220	212	219	218	213	25
26	227	226	231	213	241	236	222	227	188	218	213	198	26
27	226	226	228	226	214	241	228	227	191	205	225	208	27
28	168	224	229	227	187	232	232	208	175	198	232	217	28
29	225	184	216	236	223	230	236	195	160	201	226	218	29
30	226		204	243	241	233	233	226	178	210	218	221	30
31	226		217		241		231	224		198		220	31
TOTAL	7 032	6 486	6 787	6 408	7 412	7 097	7 033	6 535	6 338	6 284	6 165	6 548	TOTAL
MEAN	227	224	219	214	238	237	227	211	211	203	205	211	MEAN
MAX	275	232	231	243	255	248	242	241	230	219	232	233	MAX
MIN	168	184	194	141	187	225	164	133	160	194	158	148	MIN

SUMMARY FOR THE YEAR 1988

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 219
MAXIMUM DAILY, 275 ON JAN 7
MINIMUM DAILY, 133 ON AUG 4

TYPE OF GAUGE - MANUAL
LOCATION - LAT N
LONG W

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	606 000	JUL	606 000
FEB	561 000	AUG	585 000
MAR	586 000	SEP	548 000
APR	554 000	OCT	544 000
MAY	640 000	NOV	632 000
JUN	613 000	DEC	566 000

DATA CONTRIBUTED BY -
ST. LAWRENCE SEAWAY AUTHORITY

REGULATED

TOTAL DISCHARGE, 6 830 000 dam³

REMARKS - DISCHARGES DO NOT INCLUDE FLOW FROM WELLAND CANAL TO WELLAND RIVER

WELLAND RIVER BELOW CAISTOR CORNERS - STATION NO. 02HA007

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1988

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	0.6208	8.27	0.4208	1.29	1.61	0.075	0.039	1.97	0.508	0.112	0.483	0.578	1
2	0.5708	7.76	0.521	0.975	0.980	0.088	0.042	1.01	0.515	0.112	0.424	0.450	2
3	0.5308	4.82 B	0.773	1.01	0.600	0.088	0.038	0.568	0.559	0.126	0.415	0.359	3
4	0.4978	1.67 B	1.34	7.45	0.406	0.061	0.035	0.350	0.646	0.204	0.414	0.262	4
5	0.4708	0.7738	1.05 B	7.66	0.309	0.051	0.032	0.241	0.935	0.367	0.435	0.248	5
6	0.4508	0.5028	0.6388	3.36	0.250	0.042	0.033	0.189	1.09	0.372	0.529	0.219	6
7	0.4338	0.4088	0.5268	1.83	0.200	0.042	0.032	0.154	0.826	0.376	0.898	0.188	7
8	0.4088	0.3328	1.64 B	1.31	0.173	0.038	0.031	0.246	0.629	0.369	3.85	0.168	8
9	0.3878	0.2628	3.22	1.03	0.165	0.028	0.085	0.267	0.458	0.435	7.07	0.1428	9
10	0.3768	0.2298	4.20 B	0.787	0.153	0.025	0.095	0.185	0.368	0.608	5.89	0.1378	10
11	0.3628	0.2008	2.89 B	0.623	0.140	0.018	0.088	0.140	0.298	0.985	5.06	0.1268	11
12	0.5368	0.1798	2.00 B	0.511	0.139	0.014	0.103	0.130	0.268	0.601	3.50	0.1188	12
13	0.724	0.1628	1.38 B	0.424	0.132	0.012	0.106	0.116	0.264	0.590	8.26	0.1118	13
14	1.02	0.1378	1.30	0.363	0.124	0.007	0.112	0.112	0.252	0.444	10 5	0.1028	14
15	0.866	0.4938	1.00 B	0.321	0.181	0.004	0.117	0.103	0.248	0.381	4.89	0.0978	15
16	0.995	2.22 B	0.8788	0.284	0.191	0.002	0.302	0.105	0.252	0.371	2.43	0.0958	16
17	1.00	5.00 B	0.8588	0.252	0.203	0	0.566	0.105	0.261	0.424	1.42	0.0928	17
18	1.23	5.39 B	0.8408	0.228	0.374	0.001	0.893	0.103	0.225	0.650	1.28	0.0908	18
19	1.31	5.25 B	0.5388	0.204	0.578	0.001	0.823	0.102	0.195	0.787	1.09	0.195	19
20	1.97	10.0	0.5408	0.200	0.618	0	0.353	0.103	0.137	0.688	4.54	0.198	20
21	5.11	12.7	0.5028	0.202	0.510	0	0.233	0.104	0.116	0.818	17 0	0.488	21
22	5.24	9.08	0.4088	0.188	0.368	0	0.185	0.134	0.141	1.28	8.58	0.826	22
23	2.38	16 2	0.413	0.203	0.230	0	0.476	0.191	0.118	2.70	3.52	1.05	23
24	1.38	16.6	0.870	0.244	0.181	0	4.28	0.193	0.108	5.17	2.11	1.29	24
25	1.00 B	5.58	2.27	0.278	0.138	0	2.72	0.218	0.113	5.49	1.33	1.48	25
26	0.8538	2.22 B	20 0	0.280	0.116	0	4.87	0.206	0.110	3.15	1.13	1.58 B	26
27	0.7038	0.8738	11 6	0.282	0.100	0.011	8.84	0.315	0.090	1.83	1.01	1.31	27
28	0.6008	0.5508	4 48	0.286	0.087	0.021	4.76	0.485	0.088	0.954	0.982	5.51	28
29	0.930	0.4428	2.80	0.338	0.078	0.033	1.70	0.530	0.089	0.775	0.930	13.2	29
30	1.84		2.04	0.881	0.075	0.033	0.884	0.528	0.098	0.630	0.787	7.30	30
31	7.25		1.88		0.076		1.11	0.511		0.545		3.88	31
TOTAL	62.198	118.492	73.217	33.336	9.443	0.855	31.382	8.723	10.005	32.340	98.298	41.853	TOTAL
MEAN	1.36	4.09	2.36	1.11	0.305	0.022	1.01	0.314	0.334	1.04	3.31	1.35	MEAN
MAX	7.25	16.6	20.0	7.66	1.61	0.075	8.84	1.97	1.09	5.49	17.0	13.2	MAX
MIN	0.362	0.137	0.408	0.188	0.075	0	0.031	0.102	0.088	0.112	0.414	0.080	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 1.37
MAXIMUM DAILY, 2[illegible] MAR 26
MINIMUM DAILY, 0 [illegible] JUN 17
MAXIMUM INSTANTANEOUS,
23.9 AT 11 3[illegible] EST ON MAR 26

SUMMARY FOR THE YEAR 1988

TYPE OF GAUGE - RECORDING
LOCATION - LAT 43 01 30 N
LONG 79 37 00 W
DRAINAGE AREA, 230 km²

B - ICE CONDITIONS

REGULATED

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	3 650	JUL	2 710
FEB	10 200	AUG	840
MAR	6 330	SEP	864
APR	2 880	OCT	2 790
MAY	916	NOV	8 880
JUN	58.8	DEC	3 620

TOTAL DISCHARGE, 43 300 dam³

WELLAND RIVER NEAR BINBROOK - STATION NO. 02HA021

DAILY WATER LEVEL IN METRES FOR 1988

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	---	---	---	---	---	---	---	---	---	1.272	1.622	1.450	1
2	---	---	---	---	---	---	---	---	---	1.269	1.624	1.386	2
3	---	---	---	---	---	---	---	---	---	1.261	1.626	1.355	3
4	---	---	---	---	---	---	---	---	---	1.394	1.635	1.336	4
5	---	---	---	---	---	---	---	---	---	1.513	1.645	1.311	5
6	---	---	---	---	---	---	---	---	---	1.530	1.675	1.356	6
7	---	---	---	---	---	---	---	---	---	1.532	1.930	1.633	7
8	---	---	---	---	---	---	---	---	---	1.534	2.009	1.678	8
9	---	---	---	---	---	---	---	---	---	1.533	2.006	1.663	9
10	---	---	---	---	---	---	---	---	---	1.544	1.960	1.676	10
11	---	---	---	---	---	---	---	---	---	1.681	1.883	1.673	11
12	---	---	---	---	---	---	---	---	---	1.689	1.890	1.673	12
13	---	---	---	---	---	---	---	---	1.649A	1.680	2.036	1.686	13
14	---	---	---	---	---	---	---	---	1.644	1.645	2.034	1.686	14
15	---	---	---	---	---	---	---	---	1.642	1.642	1.898	1.680	15
16	---	---	---	---	---	---	---	---	1.640	1.650	1.863	1.694	16
17	---	---	---	---	---	---	---	---	1.642	1.650	1.851	1.376	17
18	---	---	---	---	---	---	---	---	1.350	1.729	1.853	1.282	18
19	---	---	---	---	---	---	---	---	1.318	1.803	1.846	1.827	19
20	---	---	---	---	---	---	---	---	1.302	1.786	2.023	1.886	20
21	---	---	---	---	---	---	---	---	1.298	1.778	2.231	1.888	21
22	---	---	---	---	---	---	---	---	1.291	1.820	1.884	1.886	22
23	---	---	---	---	---	---	---	---	1.303	1.858	1.851	1.905	23
24	---	---	---	---	---	---	---	---	1.300	1.882	1.940	1.816	24
25	---	---	---	---	---	---	---	---	1.302	1.951	1.927	1.811	25
26	---	---	---	---	---	---	---	---	1.281	1.887	1.926	1.902	26
27	---	---	---	---	---	---	---	---	1.282	1.854	1.923	1.917	27
28	---	---	---	---	---	---	---	---	1.276	1.832	1.924	2.180	28
29	---	---	---	---	---	---	---	---	1.289	1.827	1.898	1.998	29
30	---		---	---	---	---	---	---	1.274	1.824	1.631	1.920	30
31	---		---		---		---	---		1.821		1.903	31
MEAN	---	---	---	---	---	---	---	---	---	1.668	1.928	1.748	MEAN
MAX	---	---	---	---	---	---	---	---	---	1.981	2.231	2.180	MAX
MIN	---	---	---	---	---	---	---	---	---	1.269	1.631	1.282	MIN

SUMMARY FOR THE YEAR 1988

TYPE OF GAUGE - RECORDING
LOCATION - LAT 43 05 33 N
LONG 79 47 58 W

A - MANUAL GAUGE

NATURAL FLOW

DRAINAGE AREA,
57.1 km²

REMARKS - STATION ACTIVATED SEP 1988

WEST BRANCH SCOTCH RIVER NEAR ST. ISIDORE DE PRESCOTT - STATION NO. 02LB018

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1988

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	---	---	---	3.48	2.98	0.161A	---	---	---	---	---	---	1
2	---	---	---	1.93	1.85	---	---	---	---	---	---	---	2
3	---	---	---	2.14	1.39	---	---	---	---	---	---	---	3
4	---	---	---	7.87	1.06	---	---	---	---	---	---	---	4
5	---	---	---	4.87	0.846	---	---	---	---	---	---	---	5
6	---	---	---	3.42	0.673	---	---	---	---	---	---	---	6
7	---	---	---	2.51	0.532	---	---	---	---	---	---	---	7
8	---	---	---	1.88	0.438	---	---	---	---	---	---	---	8
9	---	---	---	1.73	0.384	---	---	---	---	---	---	---	9
10	---	---	---	1.39	0.364	---	---	---	---	---	---	---	10
11	---	---	---	1.15	0.332	---	---	---	---	---	---	---	11
12	---	---	---	0.951	0.298	---	---	---	---	---	---	---	12
13	---	---	---	0.802	0.346	---	---	---	---	---	---	---	13
14	---	---	---	1.01	0.383	---	---	---	---	---	---	---	14
15	---	---	---	1.02	0.318	---	---	---	---	---	---	---	15
16	---	---	---	0.858	0.323	---	---	---	---	---	---	---	16
17	---	---	---	0.808	0.382	---	---	---	---	---	---	---	17
18	---	0.340B	---	0.752	0.476	---	---	---	---	---	---	---	18
19	---	---	---	0.712	0.386	---	---	---	---	---	---	---	19
20	---	---	---	0.802	0.406	---	---	---	---	---	---	---	20
21	---	---	---	0.525	0.588	---	---	---	---	---	---	---	21
22	---	---	---	0.462	0.453	---	---	---	---	---	---	---	22
23	---	---	0.440B	0.430	0.341	---	---	---	---	---	---	---	23
24	---	---	3.88 B	0.593	0.277	---	---	---	---	---	---	---	24
25	---	---	7.10 B	0.837	0.210	---	---	---	---	---	---	---	25
26	---	---	15.6 B	0.730	0.178	---	---	---	---	---	---	---	26
27	---	---	12.8 B	1.04	0.182	---	---	---	---	---	---	---	27
28	---	---	5.08 B	4.45	0.121	---	---	---	---	---	---	---	28
29	---	---	4.80 B	10.1	0.108	---	---	---	---	---	---	---	29
30	---		3.80 B	4.84	0.135	---	---	---	---	---	---	---	30
31	---		3.18 B		0.178		---	---		---		---	31
TOTAL	---	---	---	83.123	17.024	---	---	---	---	---	---	---	TOTAL
MEAN	---	---	---	2.10	0.549	---	---	---	---	---	---	---	MEAN
MAX	---	---	---	10.1	2.98	---	---	---	---	---	---	---	MAX
MIN	---	---	---	0.430	0.108	---	---	---	---	---	---	---	MIN

SUMMARY FOR THE YEAR 1988

TYPE OF GAUGE - RECORDING
LOCATION - LAT 45 22 33 N
LONG 74 58 51 W
DRAINAGE AREA, 89.5 km²
A - MANUAL GAUGE
B - ICE CONDITIONS

NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	---	JUL	---
FEB	---	AUG	---
MAR	---	SEP	---
APR	5 450	OCT	---
MAY	1 670	NOV	---
JUN	---	DEC	---

REMARKS - SEASONAL OPERATION (MAR-JUN)

WEST DUFFINS CREEK ABOVE GREEN RIVER - STATION NO. 02HC038

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1988

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	---	---	---	---	---	0.310	0.256	0.280E	0.250E	0.302	0.359	0.384	1
2	---	---	---	---	---	0.278	0.254	0.280E	0.250E	0.433	0.353	0.367	2
3	---	---	---	---	---	0.266	0.245	0.250E	0.260E	0.467	0.336	0.365	3
4	---	---	---	---	---	0.268	0.235	0.230E	0.670E	0.339	0.308	0.3188	4
5	---	---	---	---	---	0.302	0.231	0.240E	0.680E	0.441	0.363	0.3588	5
6	---	---	---	---	---	0.277	0.228	0.230E	0.360E	0.345	0.748	0.356	6
7	---	---	---	---	---	0.302	0.220E	0.240E	0.300E	0.319	0.647	0.377	7
8	---	---	---	---	---	0.288	0.220E	0.230E	0.280E	0.313	0.618	0.3468	8
9	---	---	---	---	---	0.281	0.210E	0.220E	0.268	0.313	0.667	0.3398	9
10	---	---	---	---	---	0.277	0.240E	0.210E	0.265	0.308	0.658	0.3238	10
11	---	---	---	---	---	0.270	0.230E	0.210E	0.264	0.370	0.609	0.3178	11
12	---	---	---	---	---	0.284	0.240E	0.250E	0.282	0.368	0.611	0.3148	12
13	---	---	---	---	0.345	0.267	0.230E	0.220E	0.270	0.325	0.606	0.3138	13
14	---	---	---	---	0.335	0.251	0.220E	0.220E	0.283	0.318	0.583	0.3088	14
15	---	---	---	---	0.345	0.237	0.220E	0.270E	0.261	0.318	0.470	0.3088	15
16	---	---	---	---	0.837	0.234	0.220E	0.240E	0.258	0.275	0.448	0.3078	16
17	---	---	---	---	1.51	0.235	0.240E	0.330E	0.310	0.311	0.448	0.3088	17
18	---	---	---	---	0.830	0.228	0.250E	0.240E	0.324	0.672	0.418	0.3088	18
19	---	---	---	---	0.582	0.224	0.240E	0.240E	0.305	0.638	0.350	0.3048	19
20	---	---	---	---	0.713	0.222	0.230E	0.230E	0.321	0.395	0.337	0.3038	20
21	---	---	---	---	0.770	0.213	0.230E	0.220E	0.306	0.361	0.536	0.6008	21
22	---	---	---	---	0.641	0.303	0.230E	0.210E	0.285	0.673	0.386	0.4188	22
23	---	---	---	---	0.551	0.568	0.250E	0.240E	0.404	0.656	0.351	0.3308	23
24	---	---	---	---	0.469	0.472	0.230E	0.300E	0.320	0.533	0.483	0.5208	24
25	---	---	---	---	0.434	0.369	0.300E	0.430E	0.285	0.473	0.431	0.4308	25
26	---	---	---	---	0.406	0.338	0.550E	0.370E	0.280	0.388	0.383	0.3408	26
27	---	---	---	---	0.384	0.300	0.380E	0.380E	0.261	0.382	0.408	0.4308	27
28	---	---	---	---	0.386	0.274	0.310E	0.310E	0.313	0.388	0.421	1.80 B	28
29	---	---	---	---	0.331	0.265	0.260E	0.260E	0.276	0.388	0.380	1.30 B	29
30	---		---	---	0.317	0.257	0.260E	0.260E	0.269	0.383	0.382	0.6808	30
31	---		---		0.311		0.260E	0.250E		0.349		0.4808	31
TOTAL	---	---	---	---	---	8.693	7.949	8.180	8.489	12.100	13.308	13.808	TOTAL
MEAN	---	---	---	---	---	0.280	0.256	0.263	0.317	0.390	0.444	0.436	MEAN
MAX	---	---	---	---	---	0.568	0.550	0.430	0.670	0.673	0.748	1.80	MAX
MIN	---	---	---	---	---	0.213	0.210	0.210	0.260	0.275	0.308	0.303	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MINIMUM DAILY, 0.210E ON JUL 8

SUMMARY FOR THE YEAR 1988

TYPE OF GAUGE - RECORDING
LOCATION - LAT 43 54 54 N
LONG 79 10 47 W
DRAINAGE AREA, 52.0 km²

B - ICE CONDITIONS
E - ESTIMATED
REGULATED

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	---	JUL	687
FEB	---	AUG	705
MAR	---	SEP	821
APR	---	OCT	1 050
MAY	---	NOV	1 150
JUN	761	DEC	1 170

REMARKS - STATION ACTIVATED MAY 12 1988

WEST DUFFINS CREEK AT GREEN RIVER - STATION NO. 02HC026

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1986

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	0.726B	4.87 B	0.863B	1.14	---	---	---	---	---	---	---	---	1
2	0.676B	1.85 B	0.860B	1.08	---	---	---	---	---	---	---	---	2
3	0.570B	1.20 B	0.900B	2.94	---	---	---	---	---	---	---	---	3
4	0.500B	0.850B	0.820B	4.56	---	---	---	---	---	---	---	---	4
5	0.450B	0.770B	1.04 B	2.06	---	---	---	---	---	---	---	---	5
6	0.410B	0.720B	2.80 B	1.66	---	---	---	---	---	---	---	---	6
7	0.390B	0.680B	7.00 B	1.32	---	---	---	---	---	---	---	---	7
8	0.375B	0.655B	8.24 B	1.16	---	---	---	---	---	---	---	---	8
9	0.365B	0.635B	7.30 B	0.977	---	---	---	---	---	---	---	---	9
10	0.356B	0.610B	5.70 B	0.744	---	---	---	---	---	---	---	---	10
11	0.350B	0.598B	7.52 B	0.684	---	---	---	---	---	---	---	---	11
12	0.348B	0.586B	5.00 B	0.637	---	---	---	---	---	---	---	---	12
13	0.346B	0.585B	3.50 B	0.610	---	---	---	---	---	---	---	---	13
14	0.343B	0.581B	2.00 B	0.627	---	---	---	---	---	---	---	---	14
15	0.341B	0.580B	1.60 B	1.20	---	---	---	---	---	---	---	---	15
16	0.340B	2.78 B	1.70 B	---	---	---	---	---	---	---	---	---	16
17	0.339B	3.24 B	1.88 B	---	---	---	---	---	---	---	---	---	17
18	3.37 B	2.26 B	2.30 B	---	---	---	---	---	---	---	---	---	18
19	2.66 B	1.86 B	1.60 B	---	---	---	---	---	---	---	---	---	19
20	4.34 B	2.35 B	0.950B	---	---	---	---	---	---	---	---	---	20
21	3.56 B	1.60 B	0.840B	---	---	---	---	---	---	---	---	---	21
22	1.80 B	1.43 B	0.800B	---	---	---	---	---	---	---	---	---	22
23	1.00 B	2.08 B	3.00 B	---	---	---	---	---	---	---	---	---	23
24	0.880B	1.70 B	8.16 B	---	---	---	---	---	---	---	---	---	24
25	0.810B	1.00 B	8.15	---	---	---	---	---	---	---	---	---	25
26	0.780B	0.900B	4.00 B	---	---	---	---	---	---	---	---	---	26
27	0.750B	0.870B	3.02 B	---	---	---	---	---	---	---	---	---	27
28	0.735B	0.850B	1.18 B	---	---	---	---	---	---	---	---	---	28
29	0.720B	0.894B	1.35	---	---	---	---	---	---	---	---	---	29
30	1.40 B		1.62	---	---	---	---	---	---	---	---	---	30
31	4.16 B		1.31		---		---	---		---		---	31
TOTAL	34.268	38.414	95.813	---	---	---	---	---	---	---	---	---	TOTAL
MEAN	1.11	1.38	3.09	---	---	---	---	---	---	---	---	---	MEAN
MAX	4.34	4.87	8.16	---	---	---	---	---	---	---	---	---	MAX
MIN	0.339	0.580	0.800	---	---	---	---	---	---	---	---	---	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MAXIMUM DAILY, 8.16B ON MAR 24

REMARKS - DISCONTINUED APR 15,1986

SUMMARY FOR THE YEAR 1986

TYPE OF GAUGE - RECORDING
LOCATION - LAT 43 54 08 N
LONG 79 11 05 W
DRAINAGE AREA, 98.1 km²

B - ICE CONDITIONS

REGULATED

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	2 880	JUL	---
FEB	3 410	AUG	---
MAR	8 280	SEP	---
APR	---	OCT	---
MAY	---	NOV	---
JUN	---	DEC	---

WEST HUMBER RIVER AT HIGHWAY NO. 7 - STATION NO. 02HC031

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1986

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	0.445	2.10 B	0.345B	0.734	0.551	0.053	0.001	0.086	0.008E	0.047	0.103	0.208	1
2	0.380B	1.20 B	0.325B	0.673	0.464	0.044	0	0.081	0.004E	0.207	0.108	0.180	2
3	0.310B	0.880B	0.305B	3.18	0.418	0.051	0	0.058	0.003E	0.211	0.105	0.140B	3
4	0.260B	0.830B	0.295B	18.3	0.407	0.048	0	0.047	0.014E	0.234	0.157	0.110B	4
5	0.220B	0.770B	0.280B	4.01	0.384	0.048	0	0.056	0.056E	0.147	0.438	0.085B	5
6	0.178B	0.750B	0.500B	2.32	0.382	0.031	0	0.062	0.052E	0.107	0.438	0.120B	6
7	0.150B	0.730B	1.80 B	1.71	0.371	0.083	0	0.064	0.060E	0.085	0.394	0.105B	7
8	0.130B	0.710B	3.00 B	1.22	0.300	0.038	0	0.042	0.028	0.078	0.334	0.088B	8
9	0.105B	0.700B	4.80 B	0.838	0.171	0.037	0	0.035	0.022	0.067	0.536	0.085B	9
10	0.090B	0.680B	4.85 B	0.592	0.308	0.038	0	0.034	0.018	0.105	0.685	0.080B	10
11	0.078B	0.670B	4.00 B	0.459	0.190E	0.023	0	0.025	0.017	0.078	0.510	0.078B	11
12	0.068B	0.660B	4.27	0.413	0.105	0.018	0.006	0.017	0.017	0.068	0.734	0.070B	12
13	0.058B	0.650B	1.84	0.368	0.103	0.018	0.002	0.014	0.041	0.080	1.45	0.068B	13
14	0.045B	0.645B	1.38	0.417	0.090	0.013	0.001	0.014	0.020	0.075	0.772	0.060B	14
15	0.035B	0.705B	0.749	0.467	0.185	0.011	0	0.004	0.018	0.070	0.443	0.055B	15
16	0.050B	0.695B	0.502	0.412	0.486	0.007	0.029	0.005E	0.015	0.071	0.351	0.050B	16
17	0.200B	0.690B	0.526	0.395	3.06	0.004	0.037	0.004E	0.252	0.228	0.276	0.048B	17
18	0.500B	0.670B	0.700B	0.423	0.805	0.005	0.007	0.012E	0.093	0.224	0.232	0.046B	18
19	1.00 B	0.705B	0.800B	0.359	0.542	0.005	0.004	0.004E	0.151	0.190	0.384	0.040B	19
20	2.50 B	0.880B	0.385B	0.348	0.723	0.004	0.005	0.002E	0.131	0.164	1.10	0.082B	20
21	1.70 B	0.825B	0.298B	0.395	1.42	0.003	0.003	0.002E	0.087	0.178	1.01	0.140B	21
22	1.20 B	0.580B	0.213B	0.452	1.29	0.015	0.006	0.002E	0.058	0.181	0.531	0.220B	22
23	0.800B	0.530B	0.413B	0.353	0.855	0.008	0.013	0.001E	0.080	0.220	0.378	0.270B	23
24	0.720B	0.485B	5.38	0.371	0.639	0.007	0.015	0.004E	0.046	0.201	0.311	0.288B	24
25	0.680B	0.465B	3.26	0.343	0.297	0.008	0.017	0.012E	0.041	0.189	0.271	0.320B	25
26	0.660B	0.430B	9.73	0.335	0.218	0.004	0.089	0.020E	0.031	0.174	0.288	0.300B	26
27	0.640B	0.410B	4.31	0.329	0.188	0.002	0.080	0.019E	0.042	0.186	0.287	0.270B	27
28	0.630B	0.380B	1.47	0.338	0.128	0.002	0.047	0.018E	0.042	0.137	0.248	0.520B	28
29	0.620B	0.380B	1.15	0.424	0.088	0.002	0.032	0.013E	0.034	0.121	0.227	0.460B	29
30	0.610B		1.28	0.558	0.068	0.001	0.020	0.014E	0.041	0.105	0.218	0.420B	30
31	0.600B		1.03		0.057		0.200	0.008E		0.108		0.360B	31
TOTAL	15.668	20.479	59.748	38.484	14.738	0.519	0.591	0.782	1.527	4.336	13.288	5.481	TOTAL
MEAN	0.505	0.706	1.93	1.32	0.475	0.021	0.019	0.026	0.051	0.140	0.443	0.178	MEAN
MAX	2.50	2.10	9.73	18.3	3.06	0.093	0.200	0.081	0.252	0.234	1.45	0.520	MAX
MIN	0.035	0.380	0.213	0.329	0.057	0.001	0	0.001	0.003	0.047	0.103	0.040	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 0.483
MAXIMUM DAILY, 18.3 ON APR 4
MINIMUM DAILY, 0 ON JUL 2
MAXIMUM INSTANTANEOUS,
33.2 AT 07.53 EST ON APR 4

SUMMARY FOR THE YEAR 1986

TYPE OF GAUGE - RECORDING
LOCATION - LAT 43 45 30 N
LONG 79 40 41 W
DRAINAGE AREA, 148 km²

B - ICE CONDITIONS
E - ESTIMATED
NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	1 350	JUL	51.1
FEB	1 770	AUG	88.4
MAR	5 160	SEP	132
APR	3 410	OCT	375
MAY	1 270	NOV	1 150
JUN	53.8	DEC	472

TOTAL DISCHARGE, 15 300 dam³

WEST MONTREAL RIVER AT MISTINIKON LAKE DAM - STATION NO. 02JD012

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1988

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	11.0	10.6	10.9	18.3	95.7	44.3	12.1	3.40	14.4	0	24.4	40.8	1
2	10.6	9.80	14.6	19.4	103	43.6	12.1	2.80	15.8	0	24.9	40.2	2
3	10.6	9.40	13.6	20.5	110	42.1	12.1	2.80	15.8	0	25.5	39.5	3
4	10.3	9.00	12.5	21.8	115	40.6	12.1	2.80	14.9	0	27.1	38.2	4
5	10.3	8.60	11.7	27.4	119	38.0	12.1	3.40	13.8	0	28.8	37.6	5
6	10.0	8.70	10.8	31.7	120	27.5	11.6	4.10	12.5	0	30.0	36.3	6
7	10.0	8.50	9.60	37.4	119	18.9	11.1	4.70	12.0	0	31.3	35.0	7
8	25.8	15.1	8.70	45.5	117	19.1	11.1	5.80	11.6	0	34.1	33.8	8
9	21.4	26.6	27.6	52.6	115	21.5	11.1	5.10	11.1	0.200	40.9	32.5	9
10	19.9	23.7	26.0	58.8	111	21.5	11.1	4.40	10.7	0.800	49.4	30.7	10
11	18.4	20.7	24.3	67.5	72.0	21.5	11.1	4.90	10.3	1.80	48.6	28.6	11
12	17.2	18.8	22.9	74.3	45.5	21.5	10.1	4.70	9.90	2.80	47.9	27.8	12
13	16.0	17.0	21.5	81.4	60.4	22.1	8.70	5.50	5.70	4.00	47.2	26.7	13
14	14.8	15.4	19.8	88.3	62.7	21.5	7.40	5.80	0.200	7.70	46.5	25.8	14
15	13.7	13.8	18.4	97.3	65.7	20.8	7.00	6.20	0.200	11.7	45.7	23.6	15
16	12.8	13.5	16.8	103	66.2	19.7	6.20	7.00	3.80	12.1	53.4	22.8	16
17	12.0	12.9	16.3	108	67.4	18.1	5.80	8.30	7.80	12.6	61.1	22.0	17
18	11.5	12.8	17.8	111	65.1	16.6	5.40	9.20	8.20	13.1	65.6	21.2	18
19	11.1	11.9	17.3	112	64.3	17.4	5.20	13.0	8.50	16.5	63.4	20.4	19
20	10.5	11.4	16.8	103	62.7	16.3	4.70	14.6	8.50	28.6	61.0	20.0	20
21	14.5	11.0	16.3	88.1	61.2	15.2	4.40	14.1	8.20	40.2	48.4	19.6	21
22	21.5	10.-	16.3	88.1	59.6	14.1	4.10	13.6	8.20	37.0	46.3	19.2	22
23	18.8	10.2	16.0	85.1	56.1	13.1	3.70	12.8	8.20	33.0	44.2	18.8	23
24	16.9	10.0	16.0	82.0	56.6	12.6	3.40	12.0	8.20	28.6	42.9	18.4	24
25	15.9	9.80	16.0	80.7	44.3	12.1	3.40	11.4	8.20	28.1	42.2	18.4	25
26	15.0	9.20	15.0	80.0	35.0	11.6	3.40	11.4	8.20	21.6	41.5	18.0	26
27	14.0	8.70	15.0	77.4	36.6	11.1	3.40	11.4	8.20	18.6	41.5	18.0	27
28	12.8	8.20	15.0	82.2	41.4	11.1	3.40	10.9	8.50	20.0	40.8	17.6	28
29	12.1	7.70	15.5	82.2	43.6	11.6	3.10	10.9	4.60	21.6	40.8	17.2	29
30	11.7		15.8	86.8	45.8	12.1	3.10	10.9	0	22.7	40.8	16.8	30
31	11.2		17.3		46.1		2.90	10.9		23.6		16.4	31
TOTAL	442.1	383.60	522.60	2 116.8	2 288.0	636.3	226.40	248.40	267.200	407.200	1 296.6	803.8	TOTAL
MEAN	14.3	12.5	16.9	70.5	73.8	21.3	7.30	8.01	8.91	13.1	41.8	25.9	MEAN
MAX	25.8	26.6	27.6	112	120	44.3	12.1	14.6	15.8	40.2	61.1	40.8	MAX
MIN	10.0	7.70	8.70	18.3	35.0	11.1	2.90	2.80	0	0	24.4	16.4	MIN

SUMMARY FOR THE YEAR 1988

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 26.2
MAXIMUM DAILY, 120 ON MAY 6
MINIMUM DAILY, 0 ON SEP 30

TYPE OF GAUGE - MANUAL
LOCATION - LAT 48 02 25 N
LONG 80 42 14 W
DRAINAGE AREA, 1 780 km²

REGULATED

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	34 290	JUL	19 500
FEB	31 400	AUG	21 500
MAR	45 100	SEP	23 100
APR	183 000	OCT	35 200
MAY	198 000	NOV	109 000
JUN	55 100	DEC	69 400

TOTAL DISCHARGE, 839 000 dam³

DATA CONTRIBUTED BY -
ONTARIO HYDRO

WHITE RIVER BELOW WHITE LAKE - STATION NO. 02BC004

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1988

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	43.4	27.7	20.5	18.4	128	121	42.5	9.86	32.0	21.3	42.2	74.1	1
2	42.6	27.5	20.5	18.6	131	116	41.5	10.1	32.3	21.6	39.5	73.7	2
3	42.3	27.3	20.0	19.2	128	114	40.8	10.1	32.1	21.4	36.6	73.8	3
4	41.2	26.6	19.8	19.8	145	110	39.8	10.1	32.9	22.7	39.4	72.9	4
5	40.8	26.5	19.5	20.8	153	107	38.8	10.4	30.1	21.7	43.6	72.0	5
6	39.8	26.0	19.3	22.3	159	105	33.2	10.6	26.2	21.0	42.5	70.8	6
7	36.8	25.9	19.3	24.1	161	103	22.8	10.6	26.4	20.9	40.3	69.8	7
8	36.5	25.5	19.3	26.8	163	101	23.0	10.6	25.7	21.3	39.8	68.0	8
9	37.7	25.2	19.2	30.6	166	97.2	16.7	10.6	25.4	20.7	39.8	66.6	9
10	37.1	24.9	19.0	35.7	166	91.9	10.6	10.6	25.2	22.2	41.7	65.2	10
11	37.2	24.7	19.0	42.0	166	88.1	10.6	11.0	25.3	22.7	40.7	63.0	11
12	37.0	24.4	19.0	48.7	166	85.5	10.6	11.6	24.6	22.1	41.3	60.6	12
13	36.6	23.9	18.9	56.3	173	83.8	10.6	12.4	23.9	20.8	41.6	59.8	13
14	36.0	23.7	18.8	67.8	172	80.8	11.3	14.2	23.7	21.3	41.6	58.7	14
15	35.4	23.6	18.8	77.2	180	77.3	11.3	14.6	23.1	21.7	42.6	58.9	15
16	34.5	23.2	18.6	87.1	188	76.1	11.5	16.0	22.3	21.6	44.1	55.2	16
17	33.9	22.6	18.3	95.1	188	71.6	11.5	16.6	22.0	47.6	48.1	53.2	17
18	33.6	22.5	18.1	103	190	66.4	11.5	19.0	22.2	73.2	53.4	52.2	18
19	33.5	22.3	18.1	108	188	65.2	11.9	19.7	21.5	68.1	58.5	51.3	19
20	33.2	22.2	18.0	112	186	65.3	11.9	21.3	22.7	64.2	63.6	50.2	20
21	32.6	21.8	17.8	116	184	62.6	12.1	22.2	22.5	60.8	67.3	48.5	21
22	32.2	21.8	17.8	116	177	59.2	11.9	22.2	22.0	58.9	70.7	48.3	22
23	32.1	21.8	17.4	117	170	54.6	12.0	22.4	21.5	55.7	73.3	47.4	23
24	31.7	21.5	17.3	117	164	44.4	11.9	23.6	21.5	53.6	74.6	46.8	24
25	30.9	21.3	17.5	116	153	45.0	12.3	25.0	21.7	50.6	75.1	45.6	25
26	30.5	21.1	17.6	116	147	44.7	11.1	25.0	21.8	48.5	77.0	45.3	26
27	30.0	20.8	17.8	116	141	43.8	8.03	24.8	22.3	48.6	78.5	44.4	27
28	29.4	20.7	18.0	116	136	44.6	8.02	25.5	21.6	45.6	78.1	43.8	28
29	28.9	20.6	18.1	120	130	44.6	8.05	26.6	21.3	44.5	78.1	43.1	29
30	28.9		18.0	122	126	43.6	10.0	32.2	20.8	42.2	74.8	42.2	30
31	28.6		18.2		122		8.81	34.1		41.6		41.7	31
TOTAL	1 089.8	686.4	576.8	2 215.3	4 868	2 304.6	644.41	547.36	738.7	1 147.4	1 626.8	1 768.0	TOTAL
MEAN	35.1	23.7	18.6	73.8	160	76.8	17.8	17.7	24.8	37.0	54.3	57.0	MEAN
MAX	43.4	27.7	20.5	122	190	121	42.5	34.1	32.9	73.2	78.5	74.1	MAX
MIN	28.5	20.6	17.3	18.4	122	43.6	8.81	9.86	20.8	20.7	38.6	41.7	MIN

SUMMARY FOR THE YEAR 1988

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 49.7
MAXIMUM DAILY, 190 ON MAY 18
MINIMUM DAILY, 8.81 ON JUL 31
MAXIMUM INSTANTANEOUS,
192 AT 13:07 EST ON MAY 18

TYPE OF GAUGE - RECORDING
LOCATION - LAT 48 39 19 N
LONG 85 44 32 W
DRAINAGE AREA, 4 170 km²

REGULATED

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	64 100	JUL	47 000
FEB	59 500	AUG	47 300
MAR	48 600	SEP	83 890
APR	191 000	OCT	99 100
MAY	426 000	NOV	141 000
JUN	199 000	DEC	153 000

TOTAL DISCHARGE, 1 570 000 dam³

WHITEFISH RIVER AT NOLALU - STATION NO. 02AB017

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1988

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	0.2128	0.1408	0.1138	2.108	2.16	3.20	0.315	0.215	10.6	1.26	1.16	1.55 B	1
2	0.2078	0.1398	0.1138	2.258	2.23	3.30	0.301	0.279	7.04	1.14	1.04B	1.54 B	2
3	0.2038	0.1368	0.1138	2.388	2.06	2.17	0.274	0.376	4.97	1.03	1.018	1.47 B	3
4	0.2018	0.1358	0.1138	2.788	2.01	1.65	0.257	0.389	3.47	1.06	1.018	1.39 B	4
5	0.1998	0.1328	0.1138	3.208	1.96	1.40	0.250	0.822	2.62	1.06	1.008	1.33 B	5
6	0.1968	0.1318	0.1138	4.448	1.88	1.31	0.230	0.822	2.14	0.975	1.008	1.26 B	6
7	0.1938	0.1308	0.1138	6.708	1.77	1.97	0.263	1.07	1.77	0.936	1.008	1.20 B	7
8	0.1918	0.1288	0.1138	11.0 B	2.04	1.17	0.433	1.27	1.57	0.936	1.008	1.14 B	8
9	0.1888	0.1278	0.1138	12.6 B	4.31	1.18	0.718	1.21	1.37	0.887	1.208	1.10 B	9
10	0.1858	0.1268	0.1138	12.6 B	8.40	1.01	0.819	1.04	1.26	0.820	1.308	1.06 B	10
11	0.1848	0.1258	0.1148	12.5 B	6.71	0.855	0.682	0.838	1.11	0.813	1.428	1.04 B	11
12	0.1838	0.1248	0.1148	11.6 B	5.03	0.750	0.386	0.731	1.01	0.766	1.928	1.01 B	12
13	0.1818	0.1238	0.1158	8.408	6.46	0.663	0.328	0.704	0.860	0.710	2.628	0.9858	13
14	0.1798	0.1228	0.1158	7.138	5.84	0.585	0.363	1.37	0.835	0.883	1.748	0.9558	14
15	0.1778	0.1218	0.1158	7.05	4.80	0.708	0.387	1.78	0.818	0.677	1.458	0.9308	15
16	0.1768	0.1208	0.1158	5.48	4.44	0.644	0.382	1.66	0.851	0.702	15.3	0.8158	16
17	0.1748	0.1208	0.1178	5.30	3.46	0.600	0.373	4.48	0.822	0.830	11.3	0.8008	17
18	0.1728	0.1198	0.1188	4.24	2.85	0.575	0.327	3.46	0.788	0.889	8.23	0.8858	18
19	0.1708	0.1188	0.1198	3.65	2.50	0.550	0.316	2.52	2.28	0.862	6.53	0.8708	19
20	0.1678	0.1178	0.1208	3.02	2.26	0.564	0.368	1.88	3.07	0.874	5.08	0.8618	20
21	0.1658	0.1168	0.1208	2.54	2.15	0.492	0.340	1.47	2.28	0.839	4.108	0.8558	21
22	0.1638	0.1158	0.1218	2.25	3.07	0.457	0.311	1.36	1.81	0.826	3.808	0.8458	22
23	0.1618	0.1158	0.1228	2.08	2.96	0.430	0.283	5.70	1.57	0.833	3.208	0.8308	23
24	0.1608	0.1148	0.1228	1.98	2.45	0.427	0.271	3.66	1.37	1.42	2.808	0.8208	24
25	0.1588	0.1148	0.4008	2.01	2.25	0.519	0.261	2.85	1.22	1.84	2.828	0.8108	25
26	0.1548	0.1138	1.10 B	2.13	1.98	0.486	0.304	2.30	1.10	1.48	2.408	0.8008	26
27	0.1528	0.1138	1.31 B	2.17	1.89	0.366	0.300	2.02	1.12	1.36	2.228	0.7908	27
28	0.1508	0.1138	1.50 B	2.04	1.94	0.362	0.185	1.85	1.06	1.61	2.048	0.7808	28
29	0.1478	0.1138	1.67 B	2.03	1.78	0.402	0.192	1.80	1.12	1.36 B	1.908	0.7708	29
30	0.1458		1.80 B	2.21	1.73	0.340	0.193	1.56	1.33	1.22 B	1.778	0.7608	30
31	0.1428		1.83 B		1.97		0.215	1.37		1.14		0.7548	31
TOTAL	5.433	3.580	12.488	151.26	87.35	28.237	10.045	52.748	63.484	31.698	92.08	31.305	TOTAL
MEAN	0.175	0.193	0.403	5.04	3.14	0.941	0.324	1.70	2.12	1.02	3.07	1.01	MEAN
MAX	0.212	0.140	1.83	12.6	8.40	3.30	0.718	5.70	10.6	1.84	15.3	1.55	MAX
MIN	0.142	0.113	0.113	1.98	1.73	0.340	0.192	0.215	0.795	0.677	1.00	0.754	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 1.56
MAXIMUM DAILY, 15.3 ON NOV 15
MINIMUM DAILY, 0.1138 ON FEB 28
MAXIMUM INSTANTANEOUS,
21.4 AT 12:39 EST ON NOV 15

SUMMARY FOR THE YEAR 1988

TYPE OF GAUGE - RECORDING
LOCATION - LAT 48 17 30 N
LONG 89 48 33 W
DRAINAGE AREA, 210 km²

B - ICE CONDITIONS

NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	489	JUL	868
FEB	308	AUG	4 550
MAR	1 080	SEP	4 480
APR	13 100	OCT	2 740
MAY	8 410	NOV	7 950
JUN	2 440	DEC	2 700

TOTAL DISCHARGE, 50 100 dam³

WHITEMANS CREEK NEAR MOUNT VERNON - STATION NO. 02CB006

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1988

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	3.90	4.00E	2.00B	8.16	3.46	1.55	0.408	11.9	0.854	0.785	2.06	3.14	1
2	2.77	5.50E	2.75B	5.85	3.04	1.48	0.376	4.57	0.651	0.852	2.00	2.83	2
3	2.55B	6.50E	2.62B	7.26	2.78	1.40	0.373	2.38	0.708	0.905	1.85	2.78	3
4	2.48B	5.50B	2.44B	10.8	2.61	1.40	0.365	1.81	0.841	0.932	1.90	2.66	4
5	2.34B	4.00B	2.36B	13.8	2.37	1.33	0.265	1.46	1.02	0.965	1.98	2.53	5
6	2.24B	3.20B	3.43	13.0	2.29	1.27	0.247	1.76	1.02	0.948	2.85	2.41	6
7	2.13B	2.80B	4.45	9.66	2.18	1.20	0.178	1.74	0.963	0.911	3.97	2.43	7
8	2.05B	2.50B	5.86	7.37	2.04	1.14	0.216	1.41	0.858	0.934	4.81	2.33	8
9	1.97B	2.30B	6.64	5.81	1.86	1.11	0.173	1.20	0.809	0.944	5.22	2.27	9
10	1.88B	2.00B	12.3	4.86	2.06	1.06	0.184	1.28	0.760	1.01	5.34	2.04	10
11	1.85B	1.90B	14.8	4.33	2.16	1.04	0.246	1.31	0.726	1.38	5.64	1.80	11
12	1.83B	1.85B	13.2	3.88	2.08	1.02	0.316	2.37	0.880	2.02	5.70	1.98	12
13	1.84B	1.80B	9.83	3.43	1.98	1.72	0.308	3.61	0.720	2.06	5.58	1.84	13
14	1.76B	1.75B	8.04	3.22	1.90	0.984	0.308	2.10	0.702	1.80	5.08	1.93	14
15	1.71B	1.70B	6.22	3.10	1.84	0.920	0.331	1.82	0.645	1.61	4.11	1.92	15
16	1.67B	1.80B	5.04	3.00	2.68	0.861	0.354	1.25	0.648	1.45	7.00	1.70	16
17	1.63B	1.85B	4.25	2.80	4.26	0.838	0.939	1.13	0.781	1.32	5.64	1.83	17
18	3.21E	1.80B	3.62	2.66	4.21	0.771	1.24	1.03	0.807	2.51	4.61	1.81	18
19	4.40E	1.80B	3.53	2.65	3.62	0.703	1.06	0.853	0.805	3.66	3.81	1.76	19
20	4.80E	1.75B	3.32	2.78	3.20	0.966	0.837	0.804	0.813	4.19	3.61	1.85	20
21	4.01E	1.65B	3.05	2.78	3.14	0.676	0.773	0.832	0.801	3.22	6.27	2.38	21
22	3.50B	1.70B	2.84	2.78	3.16	0.646	0.830	0.747	0.784	2.85	8.40	2.80	22
23	2.87B	1.67B	2.83	2.77	3.03	0.681	0.931	0.780	0.692	2.77	7.82	2.74	23
24	2.61B	1.63B	4.42	2.87	2.87	0.659	1.14	0.855	0.695	2.61	6.32	3.28	24
25	2.03B	1.50B	7.28	2.84	2.80	0.635	1.06	0.847	0.687	2.47	5.17	3.46	25
26	1.83B	1.55B	13.3	2.79	2.28	0.630	0.898	0.830	0.672	2.47	4.32	2.85	26
27	1.61B	1.50B	21.8	2.86	2.08	0.588	0.904	0.778	0.828	2.43	4.03	2.88	27
28	1.54B	1.45B	21.5	2.83	1.81	0.496	0.808	0.768	0.742	2.37	3.85	5.70	28
29	1.49B	1.40B	14.7	3.01	1.83	0.465	0.798	0.758	0.736	2.31	3.57	7.45	29
30	1.46B		10.6	3.53	1.77	0.436	1.32	0.756	0.755	2.32	3.39	7.37	30
31	1.43B		9.19		1.86		8.31	0.678		2.18		7.56	31
TOTAL	72.98	70.45	230.74	148.60	78.98	27.753	24.627	54.283	23.880	59.187	142.07	82.53	TOTAL
MEAN	2.35	2.43	7.44	4.95	2.55	0.923	0.794	1.75	0.796	1.91	4.74	2.66	MEAN
MAX	4.80	6.50	21.8	13.8	4.26	1.55	8.31	11.9	1.02	4.19	8.82	7.56	MAX
MIN	1.43	1.40	2.00	2.63	1.66	0.436	0.184	0.678	0.645	0.765	1.80	1.70	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 3.80
MAXIMUM DAILY, 21.8 ON MAR 27
MINIMUM DAILY, 0.184 ON JUL 30
MAXIMUM INSTANTANEOUS,
23.8 AT 02:07 EST ON MAR 28

SUMMARY FOR THE YEAR 1988

TYPE OF GAUGE - RECORDING
LOCATION - LAT 43 07 33 N
LONG 80 23 05 W
DRAINAGE AREA, 383 km²

B - ICE CONDITIONS
E - ESTIMATED
REGULATED

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	2 310	JUL	2 130
FEB	2 090	AUG	4 680
MAR	19 900	SEP	2 060
APR	12 800	OCT	5 110
MAY	6 820	NOV	12 300
JUN	2 390	DEC	7 990

TOTAL DISCHARGE, 88 600 dam³

WHITSON RIVER AT CHELMSFORD - STATION NO. 02CF007

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1988

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	0.6808	1.09 B	0.6758	9.10B	4.93	3.26	0.733	0.512	0.752	2.11	6.18	7.70B	1
2	0.6708	1.06 B	0.6708	11.0 B	4.42	2.80	0.735	0.540	0.714	3.47	5.59	6.80B	2
3	0.6558	1.02 B	0.6508	19.0 B	4.03	2.56	0.721	0.532	0.732	3.02	5.11	6.55B	3
4	0.6508	0.9908	0.6508	24.0 B	3.72	2.29	0.699	0.526	0.726	3.44	4.65	5.70B	4
5	0.6408	0.9608	0.6458	31.0 B	3.41	2.05	0.672	0.547	0.718	3.49	6.13	4.80B	5
6	0.6308	0.9308	0.6458	39.0 B	3.17	1.81	0.725	0.576	0.714	3.09	10.3	4.00B	6
7	0.6258	0.9108	0.6858	54.6 B	2.82	1.63	0.920	0.560	0.718	2.71	11.4	3.76B	7
8	0.6158	0.8908	0.7108	42.0 B	2.73	1.50	0.917	0.545	0.788	2.48	11.4	3.50B	8
9	0.6108	0.8708	0.7808	34.0 B	2.62	1.43	0.937	0.566	0.791	2.07	10.5	3.05B	9
10	0.6038	0.8508	0.8858	31.0 B	2.95	1.37	0.962	0.552	0.746	2.02	9.75	2.70B	10
11	0.5988	0.8308	0.8458	28.4	3.88	1.25	0.920	0.548	0.747	2.06	10.1	2.48B	11
12	0.5958	0.8158	0.8308	22.8	3.80	1.17	0.864	0.551	0.750	2.14	9.33	2.20B	12
13	0.5908	0.8008	0.8108	18.3	5.16	1.07	0.890	0.582	0.725	1.84	9.21	2.00B	13
14	0.5858	0.7858	0.7858	17.7	6.07	0.992	0.921	1.60	0.708	1.68	9.37	1.80B	14
15	0.5858	0.7708	0.7858	17.8	6.20	0.940	0.878	0.958	0.715	1.82	8.85	1.65B	15
16	0.5878	0.7558	0.7708	18.2	6.87	0.883	0.832	0.818	0.717	1.78	8.37	1.50B	16
17	0.6008	0.7458	0.7608	14.8	6.16	0.887	0.838	0.861	0.702	1.76	11.1	1.38B	17
18	0.6358	0.7368	0.7608	14.3	5.48	0.833	0.800	0.848	0.625	3.33	10.3	1.28B	18
19	0.6478	0.7358	0.7408	12.6	4.88	0.800	0.772	0.895	0.786	4.02	9.28	1.19B	19
20	0.6708	0.7458	0.7308	11.4	4.39	0.836	0.778	0.901	0.883	4.58	8.24	1.37B	20
21	0.6808	0.7658	0.7208	10.0	4.75	0.778	0.782	0.856	0.837	5.18	7.28	2.05B	21
22	0.6558	0.7608	0.7158	8.86	7.44	0.675	0.770	0.673	1.10	5.38	8.31	1.93B	22
23	0.6458	0.7558	0.7108	8.09	8.07	0.655	0.747	0.880	1.12	4.86	9.68	2.01B	23
24	0.6358	0.7408	0.7058	7.77	7.25	0.858	0.845	0.886	1.07	4.84	9.31	1.94B	24
25	0.6308	0.7258	0.7308	7.40	6.04	0.984	0.882	0.896	1.04	4.66	9.05	1.87B	25
26	0.6228	0.7158	1.50 B	6.87	5.26	0.930	0.859	0.918	1.01	4.85	4.85	1.82B	26
27	0.6158	0.7058	3.55 B	6.45	4.77	0.848	0.866	0.911	1.20	4.77	6.77	1.76B	27
28	0.6108	0.6958	3.35 B	6.04	4.25	0.788	0.837	0.850	1.28	5.53	9.31	1.71B	28
29	0.6058	0.6908	3.20 B	5.84	3.71	0.731	0.587	0.328	1.45	5.92	9.26	1.67B	29
30	0.6308		4.40 B	5.27	3.40	0.729	0.584	0.807	1.50	5.71	9.06	1.63B	30
31	0.7908		8.20 B		3.12		0.556	0.782		5.61		1.58B	31
TOTAL	19.867	23.825	42.580	543.69	145.60	38.807	24.075	23.606	26.718	114.41	245.24	65.58	TOTAL
MEAN	0.631	0.822	1.37	18.1	4.70	1.29	0.777	0.761	0.891	3.69	8.17	2.76	MEAN
MAX	0.790	1.08	8.20	54.6	8.07	3.26	0.962	1.60	1.50	6.92	11.4	7.70	MAX
MIN	0.585	0.590	0.645	5.27	2.62	0.729	0.556	0.512	0.708	1.76	4.65	1.19	MIN

SUMMARY FOR THE YEAR 1988

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 3.84
MAXIMUM DAILY, 54.6B ON APR 7
MINIMUM DAILY, 0.512 ON AUG 1

TYPE OF GAUGE - RECORDING
LOCATION - LAT 46 34 55 N
LONG 81 11 59 W
DRAINAGE AREA, 343 km²

B - ICE CONDITIONS

NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	1 880	JUL	2 080
FEB	2 080	AUG	2 040
MAR	3 880	SEP	2 310
APR	47 000	OCT	9 880
MAY	12 600	NOV	21 200
JUN	3 360	DEC	7 380

TOTAL DISCHARGE, 115 000 dam³

WHITSON RIVER AT VAL CARON - STATION NO. 02CF008

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1988

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	0.5758	0.7308	0.4108	7.20B	2.15E	1.67	0.280	0.232	0.394	1.30	3.20	3.88	1
2	0.5708	0.7058	0.4058	8.00B	1.93E	1.39	0.242	0.235	0.404	1.88	2.95	3.61	2
3	0.5608	0.6708	0.4008	11.7 E	1.78E	1.21	0.218	0.240	0.358	2.18	2.84	3.33	3
4	0.5508	0.6508	0.3958	21.5 E	1.62E	1.05	0.218	0.269	0.384	2.39	2.73	3.00 B	4
5	0.5458	0.6308	0.3908	29.9 E	1.50E	0.887	0.256	0.346	0.421	2.13	2.94	2.75 B	5
6	0.5358	0.6108	0.3808	34.4 A	1.38E	0.781	0.549	0.307	0.448	1.81	3.66	2.50 B	6
7	0.5308	0.5908	0.3858	31.1 A	1.28E	0.694	0.550	0.275	0.545	1.71	5.06	2.41 B	7
8	0.5208	0.5758	0.4128	27.0 E	1.17A	0.630	0.508	0.262	0.580	1.46	6.83	2.20 B	8
9	0.5158	0.5608	0.4508	22.0 E	1.18	0.555	0.465	0.278	0.494	1.28	5.26	1.85 B	9
10	0.5108	0.5508	0.5208	18.7 E	1.71	0.475	0.443	0.298	0.498	1.26	4.66	1.77 B	10
11	0.5058	0.5358	0.5008	16.4 A	2.09	0.496	0.445	0.284	0.418	1.41	4.67	1.60 B	11
12	0.5008	0.5258	0.4808	12.3 A	1.83	0.447	0.446	0.262	0.368	1.37	4.81	1.49 B	12
13	0.4858	0.5158	0.4608	11.0 A	2.38	0.392	0.423	0.240	0.427	1.28	4.50	1.38 B	13
14	0.4828	0.5058	0.4708	8.00E	2.74	0.348	0.443	0.454	0.425	1.28	4.41	1.28 B	14
15	0.4808	0.4858	0.4658	7.80E	3.06	0.317	0.395	0.521	0.417	1.24	4.32	1.18 B	15
16	0.4858	0.4808	0.4558	7.10E	3.13	0.288	0.380	0.469	0.542	1.13	4.83	1.10 B	16
17	0.5208	0.4758	0.4508	6.80E	2.85	0.276	0.347	0.471	0.487	1.27	5.20	1.03 B	17
18	0.5408	0.4708	0.4408	6.30E	2.62	0.250	0.337	0.624	0.441	1.67	5.16	0.9508	18
19	0.5458	0.4708	0.4358	5.60E	2.34	0.233	0.321	0.620	0.448	2.33A	4.76	0.8908	19
20	0.5658	0.4758	0.4308	6.95E	2.11	0.263	0.340	0.536	0.614	2.90	4.17	0.9708	20
21	0.5488	0.4808	0.4258	6.35E	2.58	0.251	0.285	0.586	0.836	3.00	3.58	1.29 B	21
22	0.5408	0.4608	0.4208	5.80E	3.43	0.281	0.278	0.585	0.856	2.77	3.25	1.24 B	22
23	0.5308	0.4708	0.4208	5.55E	3.73	0.362	0.258	0.478	0.835	2.51	3.02	1.26 B	23
24	0.5258	0.4658	0.4208	5.40E	3.34	0.310	0.235	0.521	0.820	2.44	3.63	1.22 B	24
25	0.5208	0.4658	0.4508	5.30E	2.83	0.361	0.228	0.576	0.737	2.52	3.72	1.17 B	25
26	0.5158	0.4508	0.8008	5.05E	2.63	0.384	0.241	0.578	0.622	2.58	2.53	1.14 B	26
27	0.5068	0.4408	2.80 B	2.85E	2.32	0.322	0.268	0.567	0.606	2.61	2.86	1.08 B	27
28	0.5008	0.4308	2.65 B	2.60E	2.09	0.284	0.267	0.514	1.16	2.84	3.82	1.06 B	28
29	0.4858	0.4208	2.50 B	2.45E	1.81	0.274	0.267	0.485	1.21	3.14	4.20	1.04 B	29
30	0.4808		4.00 B	2.33E	1.68	0.274	0.262	0.436	1.22	3.43	4.40	1.00 B	30
31	0.5308		8.40 B		1.72		0.238	0.411		3.46		0.9658	31
TOTAL	16.248	15.315	30.187	328.13	68.38	15.788	10.442	12.828	16.418	64.37	119.23	51.865	TOTAL
MEAN	0.524	0.528	0.973	10.9	2.24	0.528	0.337	0.417	0.814	2.08	3.97	1.67	MEAN
MAX	0.575	0.730	8.40	34.4	3.73	1.67	0.550	0.624	1.22	3.46	6.83	3.88	MAX
MIN	0.480	0.420	0.390	2.33	1.17	0.233	0.218	0.232	0.368	1.13	2.53	0.880	MIN

SUMMARY FOR THE YEAR 1988

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 2.68
MAXIMUM DAILY, 34.4A ON APR 8
MINIMUM DAILY, 0.218 ON JUL 3

TYPE OF GAUGE - RECORDING
LOCATION - LAT 46 37 20 N
LONG 81 00 30 W
DRAINAGE AREA, 155 km²
A - MANUAL GAUGE
B - ICE CONDITIONS
E - ESTIMATED
NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	1 400	JUL	902
FEB	1 320	AUG	1 130
MAR	2 610	SEP	1 580
APR	28 400	OCT	5 580
MAY	5 890	NOV	10 300
JUN	1 380	DEC	4 480

TOTAL DISCHARGE, 65 000 dam³

WILLOW CREEK ABOVE LITTLE LAKE - STATION NO. 02ED008

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1988

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	0.400	9.50 B	0.3628	3.86 B	0.616	0.118	0.035	0.084	0.032	0.088	0.536	0.455	1
2	0.290	1.84 B	0.3678	3.23 B	0.671	0.127	0.032	0.050	0.028	0.127	0.635	0.472	2
3	0.230	0.8418	0.3458	4.31 B	0.598	0.100	0.031	0.044	0.027	0.228	0.703	0.475	3
4	0.220	0.6008	0.3408	5.58 B	0.505	0.088	0.032	0.035	0.118	0.188	0.627	0.4208	4
5	0.183	0.4808	0.3308	3.81 B	0.476	0.078	0.033	0.030	0.861	0.280	0.738	0.388	5
6	0.178	0.4008	0.3208	2.83 B	0.426	0.070	0.021	0.033	0.245	0.208	1.67	0.389	6
7	0.182	0.3608	0.3258	2.26 B	0.347	0.072	0.021	0.028	0.107	0.175	0.878	0.388	7
8	0.176	0.3188	0.3408	1.84 B	0.323	0.078	0.018	0.025	0.102	0.148	0.885	0.383	8
9	0.177	0.2908	0.3788	1.56 B	0.287	0.071	0.018	0.021	0.083	0.142	1.38	0.3508	9
10	0.178	0.2328	0.5248	1.31 B	0.383	0.088	0.020	0.045	0.067	0.152	2.08	0.292	10
11	0.184	0.2058	0.5688	1.15 B	0.360	0.088	0.026	0.038	0.058	0.224	2.53	0.580	11
12	0.177	0.2368	0.4578	1.08 B	0.277	0.068	0.037	0.047	0.052	0.380	1.81	0.201	12
13	0.188	0.2728	0.4078	1.03 B	0.282	0.058	0.032	0.171	0.113	0.202	1.43	0.189	13
14	0.188	0.2488	0.3848	1.15	0.237	0.047	0.030	0.057	0.081	0.218	1.47	0.205	14
15	0.183	0.2768	0.3408	1.31	0.244	0.041	0.028	0.048	0.057	0.188	1.16	0.216	15
16	0.185	0.4518	0.3148	1.17	1.58	0.040	0.024	0.043	0.048	0.272A	0.868	0.219	16
17	0.183	0.4358	0.3268	1.10	1.05	0.038	0.027	0.053	0.068	0.262	0.777	0.308	17
18	1.80 B	0.3268	0.3148	1.53	0.784	0.037	0.035	0.062	0.081	0.441	0.887	0.188	18
19	2.08 B	0.2898	0.2848	1.26	0.884	0.034	0.022	0.038	0.061	0.517	0.838	0.185	19
20	2.40 B	0.2808	0.2988	1.04	0.680	0.032	0.018	0.030	0.085	0.381	0.864	0.2888	20
21	4.20 B	0.2868	0.2388	0.818	0.820	0.029	0.020	0.028	0.073	0.313	1.02	1.15 B	21
22	3.70 B	0.3068	0.2008	0.776	0.686	0.078	0.018	0.022	0.081	0.424	0.865	0.702	22
23	3.31 B	0.3738	0.6148	0.777	0.628	0.113	0.018	0.021	0.285	0.418	0.730	0.808	23
24	1.30 B	0.4188	3.78 B	0.884	0.385	0.070	0.018	0.039	0.222	0.413	0.867	0.844	24
25	0.8708	0.3058	7.70 B	0.885	0.303	0.058	0.022	0.101	0.143	0.423	0.873	0.580	25
26	0.6708	0.3148	15.5 B	0.788	0.286	0.052	0.060	0.106	0.108	0.383	0.838	0.518	26
27	0.478	0.3458	11.8 B	0.758	0.308	0.047	0.091	0.083	0.081	0.348	0.848	0.490	27
28	0.324	0.3518	5.04 B	1.05	0.172	0.042	0.043	0.061	0.084	0.341	0.817	0.870	28
29	0.256	0.4398	5.13 B	0.893	0.158	0.035	0.031	0.051	0.080	0.328	0.885	0.870	29
30	0.436		6.82 B	1.01	0.141	0.034	0.052	0.041	0.071	0.393	0.473	0.780	30
31	9.00 B		6.42 B		0.128		0.137	0.038		0.441		0.733	31
TOTAL	39.381	31.035	58.885	51.231	16.733	1.884	1.037	1.578	3.413	9.092	28.881	14.084	TOTAL
MEAN	0.948	0.725	2.22	1.71	0.475	0.063	0.033	0.051	0.114	0.293	0.595	0.455	MEAN
MAX	5.00	9.50	15.5	5.58	1.58	0.127	0.137	0.171	0.861	0.617	2.53	1.15	MAX
MIN	0.183	0.308	0.300	0.788	0.128	0.028	0.018	0.021	0.027	0.088	0.473	0.188	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 0.889
MAXIMUM DAILY, 15.58 ON MAR 26
MINIMUM DAILY, 0.018 ON JUL 22
MAXIMUM INSTANTANEOUS,
24.9 AT 23:32 EST ON MAR 26

SUMMARY FOR THE YEAR 1988

TYPE OF GAUGE - RECORDING
LOCATION - LAT 44 26 26 N
LONG 79 38 38 W
DRAINAGE AREA, 84.8 km²
A - MANUAL GAUGE
B - ICE CONDITIONS

NATURAL FLOW

MONTHLY TOTAL DISCHARGE
IN CUBIC DECAMETRES

JAN	2 540	JUL	80.0
FEB	1 820	AUG	136
MAR	5 830	SEP	295
APR	4 430	OCT	760
MAY	1 270	NOV	2 480
JUN	184	DEC	1 220

TOTAL DISCHARGE, 21 200 dam³

WILLOW CREEK AT MIDHURST - STATION NO. 02ED010

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1988

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	1.20	2.32	0.813	5.65	1.04	0.325	0.044	0.2818	0.085	0.408	0.814	0.884	1
2	1.04	2.97	0.588	5.85	1.00	0.277	0.053	0.3078	0.058	0.534	0.830	0.842	2
3	0.804	2.82 B	0.560	5.54	0.906	0.284	0.048	0.2178	0.073	0.556	0.885	0.808	3
4	0.784	2.55 B	0.574	5.82	0.833	0.278	0.050	0.127	0.187	0.858	0.867	0.788	4
5	0.707	2.09 B	0.558	5.80	0.788	0.250	0.050	0.111	0.428	0.982	0.804	0.771	5
6	0.684	1.83 B	0.547	5.49	0.667	0.263	0.042	0.128	0.305	0.947	0.880	0.771	6
7	0.662	1.62	0.539	4.86	0.843	0.262	0.043	0.128	0.284	0.830	1.05	0.748	7
8	0.631	1.43	0.547	4.30	0.818	0.223	0.040	0.101	0.256	0.819	1.03	0.733	8
9	0.684	1.30	0.562	3.78	0.884	0.213	0.042	0.112	0.248	0.685	1.13	0.708	9
10	0.668	1.14	0.588	3.39	0.888	0.192	0.043	0.128	0.228	0.678	1.38	0.701	10
11	0.636	1.04	0.595	3.05	0.827	0.184	0.047	0.120	0.207	0.581	1.51	0.884	11
12	0.535	0.940	0.629	2.88	0.808	0.187	0.038	0.097	0.234	0.858	1.58	0.818	12
13	0.490	0.885	0.627	2.58	0.680	0.168	0.037	0.084	0.232	0.823	1.59	0.685	13
14	0.473	0.880	0.638	2.14	0.652	0.152	0.060	0.083	0.289	0.688	1.58	0.670	14
15	0.482	0.833	0.633	2.00	0.488	0.128	0.188	0.077	0.254	0.587	1.63	0.647	15
16	0.481	0.808	0.627	1.89	1.04	0.102	0.112	0.083	0.255	0.584	1.80	0.634	16
17	0.518	0.785	0.618	1.77	1.35	0.103	0.061	0.078	0.286	0.570	1.45	0.618	17
18	0.888	0.765	0.600	1.78	1.17	0.083	0.068	0.078	0.282	0.602	1.38	0.607	18
19	0.804	0.738	0.594	1.72	1.04	0.087	0.062	0.138	0.268	0.607	1.34	0.681	18
20	0.878	0.736	0.604	1.67	1.05	0.087	0.060	0.084	0.262	0.643	1.38	0.618	20
21	1.31	0.883	0.595	1.53	1.07	0.084	0.063	0.077	0.271	0.581	1.38	0.607	21
22	1.53 B	0.718	0.570	1.42	1.02	0.210	0.048	0.062	0.248	0.606	1.38	0.635	22
23	1.49	0.684	0.548	1.38	0.889	0.204	0.058	0.062	0.284	0.588	1.33	0.672	23
24	1.44	0.667	0.841	1.31	0.788	0.221	0.060	0.784	0.338	0.601	1.18	0.711	24
25	1.35	0.895	3.07	1.38	0.884	0.105	0.088	0.128	0.327	0.613	1.14	0.721	25
26	1.35 B	0.888	4.28	1.18	0.883	0.072	0.115	0.126	0.307	0.883	1.07	0.708	26
27	1.14 B	0.858	5.71	1.17	0.804	0.085	0.088	0.083	0.280	0.582	1.03	0.718	27
28	1.02	0.843	5.74	1.18	0.535	0.082	0.087	0.088	0.268	0.578	0.888	0.781	28
29	0.824	0.817	7.70	1.13	0.428	0.048	0.051	0.070	0.273	0.570	0.841	0.808	29
30	0.884		7.84	1.13	0.384	0.040	0.0888	0.071	0.281	0.578	0.828	0.850	30
31	1.39		7.43		0.358		0.1478	0.082		0.815		0.859	31
TOTAL	27.434	34.407	61.308	85.10	23.196	4.889	2.001	3.378	7.744	17.704	38.278	21.308	TOTAL
MEAN	0.888	1.18	1.97	2.84	0.748	0.163	0.065	0.109	0.258	0.571	1.18	0.687	MEAN
MAX	1.53	2.97	5.74	5.85	1.35	0.335	0.188	0.307	0.425	0.858	1.88	0.884	MAX
MIN	0.473	0.617	0.538	1.13	0.358	0.040	0.035	0.052	0.055	0.408	0.814	0.481	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 0.884
MAXIMUM DAILY, 5.74 ON MAR 26
MINIMUM DAILY, 0.035 ON JUL 12
MAXIMUM INSTANTANEOUS,
8.49 AT 21:53 EST ON MAR 27

SUMMARY FOR THE YEAR 1988

TYPE OF GAUGE - RECORDING
LOCATION - LAT 44 26 39 N
LONG 79 43 47 W
DRAINAGE AREA, 127 km²

B - ICE CONDITIONS
E - ESTIMATED
NATURAL FLOW

MONTHLY TOTAL DISCHARGE
IN CUBIC DECAMETRES

JAN	2 370	JUL	173
FEB	2 870	AUG	282
MAR	5 200	SEP	668
APR	7 350	OCT	1 530
MAY	2 000	NOV	3 050
JUN	422	DEC	1 840

TOTAL DISCHARGE, 28 000 dam³

WILMOT CREEK NEAR NEWCASTLE - STATION NO. 02HD008

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1988

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	0.600B	2.30 B	0.476B	1.39	1.07	0.559	0.510	0.538	0.577	0.617	0.724	0.745	1
2	0.565B	1.70 B	0.562B	1.40	0.984	0.700E	0.515	0.510	0.572	0.756	0.733	0.748	2
3	0.545B	1.20 B	0.753B	2.50	0.913	0.600E	0.507	0.480	0.563	0.792	0.738	0.744	3
4	0.530B	1.08 B	0.661B	2.91	0.864	0.565E	0.488	0.454	1.20	0.686	0.700	0.721	4
5	0.515B	1.04 B	0.669B	1.83	0.825	0.550E	0.491	0.437	0.934	0.754	1.22	0.697	5
6	0.505B	0.985B	0.789B	1.68	0.795	0.580E	0.484	0.428	0.883	0.720	1.88	0.722	6
7	0.495B	0.980B	1.07 B	1.52	0.773	0.580E	0.435	0.434	0.817	0.687	1.12	0.726	7
8	0.485B	0.940B	1.50 B	1.42	0.745	0.619E	0.400	0.432	0.889	0.718	1.16	0.696	8
9	0.480B	0.925B	2.79 B	1.23	0.705	0.527	0.432	0.418	0.871	0.892	1.21	0.669	9
10	0.470B	0.913B	2.90 B	1.17	0.820	0.518	0.431	0.407	0.845	0.840	1.13	0.5778	10
11	0.465B	0.900B	2.46 B	1.11	0.744	0.522	0.415	0.432	0.823	0.872	1.04	0.4388	11
12	0.456B	0.896B	1.59 B	1.03	0.713	0.492	0.472	0.456	0.820	0.736	0.882	0.5008	12
13	0.453B	0.885B	1.10 B	0.985	0.731	0.481	0.447	0.462	0.877	0.683	1.70	0.5888	13
14	0.451B	0.893B	0.987B	1.35	0.746	0.458	0.453	0.481	0.548	0.678	1.43	0.6778	14
15	0.449B	1.20 B	0.804B	1.78	0.759	0.480	0.431	0.514	0.825	0.716	0.989	0.7888	15
16	0.448B	2.60 B	0.637B	1.17	1.06	0.480	0.478	0.467	0.514	0.726	0.947	0.8278	16
17	0.447B	2.00 B	0.952B	1.05	0.839	0.458	0.567	0.508	0.519	0.686	1.06	0.8378	17
18	2.90 B	1.65 B	1.11 B	1.14	0.784	0.483	0.516	0.485	0.830	1.03	0.885	0.8988	18
19	2.30 B	1.97 B	0.827B	0.995	0.826	0.448	0.491	0.453	0.893	0.824	0.832	0.9188	19
20	3.20 B	2.27 B	0.622B	0.987	1.09	0.461	0.458	0.458	0.783	0.723	0.949	1.02 B	20
21	2.30 B	0.930B	0.541B	1.15	0.851	0.470	0.477	0.447	0.878	0.732	1.35	1.28 B	21
22	1.50 B	1.28 B	0.717B	0.958	0.802	1.90	0.448	0.428	0.803	1.10	0.956	0.7888	22
23	1.00 B	1.07 B	1.80 B	0.942	0.784	1.84	0.488	0.441	1.01	0.931	0.881	1.03 B	23
24	0.850B	1.10 B	0.47 B	0.949	0.707	0.753	0.556	0.541	0.720	1.05	0.882	1.18 B	24
25	0.710B	0.709B	0.00 B	0.880	0.710	0.672	0.586	0.721	0.648	1.13	0.826	1.05	25
26	0.740B	0.630B	7.80 B	0.949	0.695	0.627	0.850	0.880	0.635	0.677	0.800	0.834	26
27	0.710B	0.588B	2.99 B	1.06	0.658	0.571	0.732	0.767	0.845	0.811	0.814	0.9878	27
28	0.700B	0.514B	1.42	1.23	0.641	0.552	0.655	0.656	0.886	0.802	0.809	5.74	28
29	1.00 B	0.907B	1.58	1.85	0.632	0.542	0.574	0.656	0.861	0.863	0.818	1.26 B	29
30	1.80 B		2.06	1.31	0.606	0.511	0.584	0.615	0.822	0.772	0.821	0.9528	30
31	3.40 B		1.51		0.565		0.574	0.583		0.767		0.8088	31
TOTAL	31.541	35.027	56.361	39.677	24.800	18.818	15.846	15.937	19.928	24.851	30.265	30.442	TOTAL
MEAN	1.02	1.21	1.82	1.32	0.784	0.631	0.511	0.514	0.664	0.802	1.01	0.882	MEAN
MAX	3.40	2.80	7.80	2.91	1.09	1.90	0.850	0.880	1.20	1.13	1.88	5.74	MAX
MIN	0.447	0.907	0.478	0.880	0.565	0.448	0.400	0.407	0.514	0.617	0.700	0.435	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 0.937
MAXIMUM DAILY, 7.80B ON MAR 26
MINIMUM DAILY, 0.400 ON JUL 8
MAXIMUM INSTANTANEOUS,
30.4 AT 23:45 EST ON MAR 25

SUMMARY FOR THE YEAR 1988

TYPE OF GAUGE - RECORDING
LOCATION - LAT 43 55 47 N
LONG 78 37 06 W
DRAINAGE AREA, 62.6 km²

B - ICE CONDITIONS
E - ESTIMATED
NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	2 730	JUL	1 370
FEB	3 030	AUG	1 380
MAR	4 870	SEP	1 700
APR	3 430	OCT	2 150
MAY	2 130	NOV	2 630
JUN	1 630	DEC	2 630

TOTAL DISCHARGE, 29 700 dam³

WILTON CREEK NEAR NAPANEE - STATION NO. 02HM004

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1988

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	1.27 B	2.28 B	0.725B	3.32	1.05	0.223	0.048	0.017	0.011	0.007	0.618	1.05	1
2	1.10 B	4.30 B	0.715B	2.80	0.877	0.209	0.047	0.014	0.008	0.025	0.586	0.882	2
3	0.960B	1.65 B	0.708B	3.27	0.727	0.222	0.049	0.010	0.008	0.048	0.646	0.831	3
4	0.840B	1.21 B	0.686B	7.72	0.685	0.218	0.034	0.007	0.012	0.040	0.603	0.721	4
5	0.828B	0.964B	0.687B	7.41	0.584	0.204	0.023	0.007	0.017	0.049	0.573	0.6228	5
6	0.805B	0.924B	0.677B	5.47	0.520	0.175	0.023	0.008	0.018	0.051	0.676	0.5888	6
7	0.725B	0.840B	0.805B	3.91	0.491	0.178	0.022	0.018	0.010	0.047	0.687	0.593	7
8	0.668B	0.738B	0.840B	3.02	0.437	0.193	0.020	0.040	0.005	0.032	1.05	0.543	8
9	0.605B	0.668B	2.20 B	2.53	0.405	0.134	0.018	0.028	0.005	0.028	1.35	0.5008	9
10	0.548B	0.605B	7.45 B	2.17	0.391	0.104	0.015	0.018	0.004	0.027	1.38	0.4338	10
11	0.511B	0.548B	7.56 B	1.88	0.383	0.087	0.015	0.016	0.003	0.030	1.39	0.4128	11
12	0.462B	0.530B	5.00 B	1.57	0.348	0.083	0.014	0.011	0.003	0.021	1.29	0.3688	12
13	0.433B	0.522B	3.36 B	1.38	0.368	0.080	0.013	0.005	0.004	0.022	1.22	0.3288	13
14	0.388B	0.525B	2.19 B	1.30	0.424	0.080	0.015	0.005	0.005	0.015	1.42	0.2988	14
15	0.361B	0.507	2.13 B	1.30	0.783	0.063	0.016	0.003	0.004	0.016	1.39	0.3178	15
16	0.331B	0.440B	2.34 B	1.22	0.443	0.058	0.013	0.002	0.004	0.017	1.24	0.3078	16
17	0.325	0.422B	2.88 B	1.10	0.415	0.050	0.026	0.001	0.004	0.025	1.19	0.3038	17
18	0.385	0.540B	2.76 B	0.957	0.502	0.051	0.031	0	0.005	0.022	1.29	0.2838	18
19	0.630B	0.600B	2.02 B	0.788	0.528	0.051	0.024	0	0.004	0.028	1.13	0.2848	19
20	1.48 B	0.681	1.48 B	0.762	0.840	0.039	0.020	0	0.008	0.050	1.04	0.3038	20
21	3.13 B	0.728B	1.10 B	0.618	1.20	0.061	0.018	0	0.020	0.063	1.03	0.4238	21
22	1.52 B	0.771B	0.817B	0.787	1.15	0.085	0.020	0	0.008	0.122	2.15	0.4448	22
23	1.20 B	1.20 B	1.13 B	0.677	0.944	0.055	0.016	0	0.008	0.237	2.00	0.3818	23
24	0.960B	1.85 B	5.04 B	0.688	0.885	0.047	0.022	0	0.021	0.326	1.75	0.3868	24
25	0.728B	1.83 B	8.82	0.706	0.640	0.051	0.032	0	0.014	0.845	1.61	0.4178	25
26	0.540B	1.38 B	10.5	0.682	0.488	0.048	0.030	0.001	0.012	0.682	1.30	0.3978	26
27	0.433B	1.18 B	10.0	0.780	0.434	0.044	0.028	0.010	0.008	0.812	1.17	0.3718	27
28	0.412B	0.984B	12.7	0.918	0.380	0.042	0.036	0.009	0.007	0.718	1.20	0.5638	28
29	0.381B	0.746B	9.35	0.871	0.330	0.045	0.025	0.013	0.008	0.850	1.18	0.5008	29
30	0.402B		8.46	1.10	0.277	0.047	0.021	0.013	0.005	0.869	1.08	0.4508	30
31	1.42 B		4.01		0.248		0.020	0.015		0.714		0.3818	31
TOTAL	24.774	31.792	134.198	61.987	17.884	2.970	0.788	0.273	0.251	8.948	36.250	14.883	TOTAL
MEAN	0.799	1.10	4.33	2.07	0.576	0.099	0.026	0.009	0.008	0.224	1.21	0.474	MEAN
MAX	3.13	4.30	10.5	7.72	1.20	0.223	0.048	0.040	0.021	0.850	2.15	1.05	MAX
MIN	0.325	0.500	0.677	0.677	0.248	0.038	0.013	0	0.003	0.007	0.573	0.284	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 0.909
MAXIMUM DAILY, 10.5 ON MAR 26
MINIMUM DAILY, 0 ON AUG 19
MAXIMUM INSTANTANEOUS,
20.8 AT 13:59 EST ON MAR 26

SUMMARY FOR THE YEAR 1988

TYPE OF GAUGE - RECORDING
LOCATION - LAT 44 14 33 N
LONG 76 50 56 W
DRAINAGE AREA, 112 km²

B - ICE CONDITIONS

NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	2 140	JUL	65.8
FEB	2 750	AUG	33.6
MAR	11 600	SEP	21.7
APR	5 380	OCT	600
MAY	1 540	NOV	3 130
JUN	257	DEC	1 270

TOTAL DISCHARGE, 28 800 dam³

WINDIGO RIVER ABOVE MUSKRAT DAM LAKE - STATION NO. 04CB001

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1988

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	46.4B	38.5B	35.2B	33.4B	53.5E	98.6	77.2	62.7	51.9	72.5	71.0	65.5B	1
2	46.1B	38.4B	35.1B	33.4B	55.5E	109	76.4	61.2	51.4	70.6	71.2	64.8B	2
3	45.9B	38.2B	35.0B	33.4B	58.0E	111	76.4	61.3	50.6	67.7	71.6	64.4B	3
4	45.6B	38.1B	34.9B	33.4B	60.0E	108	75.9	62.0	49.9	66.6	71.2	64.0B	4
5	45.3B	37.9B	34.8B	33.4B	63.0E	107	72.3	62.5	49.3	74.9	71.6	63.5B	5
6	45.0B	37.7B	34.7B	33.5B	65.5E	104	73.5	61.9	50.9	75.8	70.8	63.2B	6
7	44.7B	37.5B	34.6B	33.5B	68.0E	99.7	75.3	63.3	53.8	73.8	70.2	62.7B	7
8	44.4B	37.4B	34.5B	33.6B	70.0E	101	76.4	60.3	55.6	73.3	70.3	62.1B	8
9	44.1B	37.2B	34.4B	33.7B	73.0E	101	73.9	59.4	53.6	74.8	70.6	61.8B	9
10	43.8B	37.1E	34.3B	33.9B	74.5E	101	68.6	59.0	49.8	67.6	69.3	61.0B	10
11	43.5B	37.0B	34.2B	34.0B	77.0E	97.8	65.9	55.3	48.9	64.9	69.3	60.5B	11
12	43.3B	36.9B	34.2B	34.2B	79.5E	93.1	68.9	54.8	49.3	70.9	69.3	60.1B	12
13	43.0B	36.8B	34.1B	34.5B	82.0E	93.5	68.1	55.0	51.8	76.1	70.2	59.8B	13
14	42.8B	36.6B	34.1B	34.9B	85.0E	91.8	64.9	54.7	51.9	74.0	69.9	59.5B	14
15	42.6B	36.5B	34.0B	35.2B	87.0E	88.2	65.8	55.4	53.0	74.3	69.4	59.0B	15
16	42.3B	36.4B	34.0B	35.6B	89.5E	89.8	68.5	54.3	54.2	73.0	68.6	58.7B	16
17	42.0B	36.3B	34.0B	36.2B	92.0E	90.8	72.1	51.0	53.9	69.5	68.4	58.2B	17
18	41.8B	36.2B	33.9B	36.8B	94.5E	87.4	72.3	52.1	53.2	70.2	68.2	57.8B	18
19	41.5B	36.1B	33.9B	37.4B	97.0E	88.4	72.0	52.5	51.3	72.0	70.3	57.5B	19
20	41.2B	36.0B	33.8B	38.3B	99.0E	86.5	70.4	51.7	51.0	74.0	70.2	56.9B	20
21	40.9B	35.9B	33.8B	39.0B	101 E	85.1	69.8	51.4	50.0	74.8	70.3	56.5B	21
22	40.7B	35.9B	33.7B	40.0B	102 E	78.2	68.7	53.9	54.5	70.0	69.7	56.0B	22
23	40.5B	35.8B	33.7B	41.0B	103 E	81.5	71.1	54.3	55.8	74.3	70.7	55.6B	23
24	40.2B	35.7B	33.6B	42.3B	104 E	82.9	68.9	52.6	55.5	73.3	68.3B	55.5B	24
25	40.0B	35.7B	33.6B	43.6B	104 E	80.8	66.8	51.0	57.7	71.0	68.0B	54.9B	25
26	39.8B	35.6B	33.5B	45.0B	103 E	80.2	68.1	49.4	58.0	69.2	67.7B	54.8B	26
27	39.6B	35.5B	33.5B	46.5B	101 E	80.3	68.4	50.3	59.2	68.1	67.2B	54.1B	27
28	39.4B	35.4B	33.5B	48.0E	98.0E	77.2	66.9	49.1	71.1	70.1	66.8B	53.9B	28
29	39.2B	35.3B	33.5B	49.5E	95.0E	77.1	65.2	48.8	74.4	71.1	66.3B	53.5B	29
30	38.9B		33.4B	51.5E	93.1E	77.2	64.0	51.2	76.4	70.6	66.0B	53.1B	30
31	38.7B		33.4B		82.4		66.1	52.6		71.0		52.9B	31
TOTAL	1 313.2	1 063.7	1 056.9	1 136.7	2 620.0	2 751.3	2 183.2	1 715.0	1 716.9	2 220.0	2 084.7	1 821.8	TOTAL
MEAN	42.4	36.7	34.1	36.0	84.5	91.7	70.4	55.3	57.2	71.6	69.5	58.8	MEAN
MAX	46.4	38.5	35.2	51.5	104	111	77.2	63.3	76.4	76.4	71.6	65.5	MAX
MIN	38.7	35.3	33.4	33.4	53.5	77.1	64.0	48.8	48.9	64.9	66.0	52.9	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 59.2
MAXIMUM DAILY, 111 ON JUN 3
MINIMUM DAILY, 33.4B ON MAR 30
MAXIMUM INSTANTANEOUS,
112 AT 08:46 EST ON JUN 3

SUMMARY FOR THE YEAR 1988

TYPE OF GAUGE - RECORDING
LOCATION - LAT 53 20 55 N
LONG 91 47 30 W
DRAINAGE AREA, 10 800 km²

B - ICE CONDITIONS
E - ESTIMATED
NATURAL FLOW

MONTHLY TOTAL DISCHARGE
IN CUBIC DECAMETRES

JAN	113 000	JUL	189 000
FEB	91 800	AUG	148 000
MAR	91 300	SEP	148 000
APR	98 400	OCT	192 000
MAY	238 000	NOV	180 000
JUN	238 000	DEC	157 000

TOTAL DISCHARGE, 1 870 000 dam³

WINISK RIVER BELOW ASHEWEIG RIVER TRIBUTARY - STATION NO. 04DC001

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1988

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	179B	125 B	97.0B	84.5B	680B	647	460	239E	380	644	437E	308B	1
2	177B	123 B	96.5B	84.0B	1 200B	644	428	234E	436	630	463E	303B	2
3	176B	122 B	96.0B	84.0B	1 730B	639	401	231E	478	603	480E	300B	3
4	173B	121 B	95.5B	84.0B	2 100B	631	398	228E	492	578	500E	298B	4
5	170B	120 B	95.0B	84.0B	2 120B	622	389	223E	488	562	495E	291B	5
6	168B	119 B	94.5B	84.0B	2 000B	608	378	221E	472	547	484E	286B	6
7	166B	118 B	94.0B	83.5B	1 810	598	386	218E	448	537	504E	282B	7
8	164B	116 B	93.0B	83.5B	1 120	586	353E	214E	427	531	512E	279B	8
9	162B	115 B	92.5B	83.5B	842	581	344E	211E	414	520	491E	274B	9
10	159B	114 B	92.0B	83.0B	802	573	334E	207E	402	511	480E	271B	10
11	158B	113 B	92.0B	83.0B	886	571	325E	203E	389	512	477E	267B	11
12	156B	112 B	91.5B	82.9B	809	574	319E	201E	378	504	468E	263B	12
13	154B	111 B	91.0B	82.8B	787	578	314E	189E	373	480	462E	260B	13
14	152B	110 B	90.5B	82.7B	733	579	309E	186E	378	479	446E	255B	14
15	150B	109 B	90.0B	82.6B	701	581	304E	183E	379	486	417E	252B	15
16	148B	108 B	89.5B	82.5B	882	585	302E	180E	376	484	389E	250B	16
17	146B	107 B	89.0B	82.4B	854	581	301E	186E	372	501	384B	247B	17
18	145B	106 B	89.0B	82.4B	820	586	299E	181E	376	536	378B	243B	18
19	143B	105 B	88.5B	82.3B	699	593	295E	178	382	555	372B	240B	19
20	142B	104 B	88.0B	82.3B	800	603	290E	170	435	566	365B	237B	20
21	140B	103 B	88.0B	82.2B	833	615	286E	169	559	570	358B	234B	21
22	138B	103 B	88.0B	82.6B	864	610	281E	165	638	575	353B	231B	22
23	137B	102 B	88.0B	83.0B	858	605	277E	161	678	577	348B	228B	23
24	135B	102 B	87.8B	84.0B	880	590	271E	160	710	570	343B	224B	24
25	134B	101 B	86.0B	85.0B	880	581	266E	169	717	567	339B	222B	25
26	133B	100 B	86.0B	87.0B	880	575	262E	162	712	560E	332B	220B	26
27	132B	99.6B	85.6B	88.0B	861	564	258E	157	707	548E	327B	218B	27
28	131B	99.0B	85.6B	99.0B	863	550	254E	203	689	527E	323B	214B	28
29	130B	98.7B	85.4B	111 B	858	526	250E	264	674	481E	318B	211B	29
30	129B		85.2B	218 B	852	493	247E	322	667	432E	314B	209B	30
31	128B		85.0B		850		243E	355		425E		208B	31
TOTAL	4 694	3 186.2	2 795.9	2 863.6	28 894	17 868	9 608	6 450	15 014	16 599	12 348	7 819	TOTAL
MEAN	150	110	90.2	89.5	932	589	316	208	500	535	412	252	MEAN
MAX	179	125	97.0	218	2 120	647	460	355	717	644	513	308	MAX
MIN	128	98.7	85.0	82.2	699	493	243	160	372	425	314	208	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 350
MAXIMUM DAILY, 2 120B ON MAY 5
MINIMUM DAILY, 82.2B ON APR 21

SUMMARY FOR THE YEAR 1988

TYPE OF GAUGE - RECORDING
LOCATION - LAT 54 31 00 N
LONG 87 14 00 W
DRAINAGE AREA, 50 000 km²

B - ICE CONDITIONS
E - ESTIMATED
NATURAL FLOW

MONTHLY TOTAL DISCHARGE
IN CUBIC DECAMETRES

JAN	402 000	JUL	847 000
FEB	275 000	AUG	557 000
MAR	242 000	SEP	1 300 000
APR	232 000	OCT	1 430 000
MAY	2 500 000	NOV	1 070 000
JUN	1 530 000	DEC	878 000

TOTAL DISCHARGE, 11 100 000 dam³

WINNIPEG RIVER ABOVE BOUNDARY FALLS - STATION NO. OSPP051

DAILY WATER LEVEL IN METRES FOR 1988

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	299.987	300.075	---	299.732	299.454	299.847	299.203	---	---	300.175	300.538	300.630A	1
2	300.128	300.155	---	299.747	299.423	299.510	299.221	---	---	300.136	300.577	300.632	2
3	299.861	300.158	---	299.743	299.418	299.387	299.208	---	---	300.188	300.569	300.641	3
4	299.957	300.172	---	299.673	299.408	299.306	299.215	---	---	300.206	300.537	300.653	4
5	300.201	300.184	---	299.710	299.395	299.256	299.244	---	---	300.338	300.574	300.724	5
6	300.178	300.188	---	299.770	299.381	299.243	299.312	---	---	300.298	300.614	300.717	6
7	300.136	300.081	---	299.774	299.382	299.248	299.388	---	---	300.293	300.640	300.704	7
8	300.153	300.128	---	299.778	299.377	299.225	299.380	---	---	300.306	300.675	300.718E	8
9	300.131	300.077	---	299.738	299.398	299.226	299.305	---	---	300.328	300.785	300.728E	9
10	300.108	300.137	---	299.726	299.422	299.261	299.274	---	---	300.324	300.748	300.737E	10
11	300.118	---	---	299.718	299.408	299.258	299.280	---	---	300.330	300.738	300.748A	11
12	300.114	---	---	299.684	299.358	299.252	299.286	---	---	300.378	300.720	300.783	12
13	300.118	---	---	299.638	299.484	299.347	299.310	---	---	300.301	300.678	300.822	13
14	300.173	---	---	299.578	299.408	299.458	299.301	---	299.352	300.348	300.678	---	14
15	300.138	---	---	299.535	299.380	299.514	299.280	---	299.348	300.328	300.670	---	15
16	300.111	---	---	299.509	299.410	299.518	299.285	---	299.370	300.282	300.652	---	16
17	299.972	---	299.844A	299.505	299.441	299.502	299.257	---	299.388	300.341	300.702	---	17
18	299.849	---	299.824	299.521	299.387	299.418	299.278	---	299.418	300.257	300.713	---	18
19	300.021	---	299.818	299.495	299.372	299.348	299.281	---	299.488	300.257	300.688	---	19
20	299.820	---	299.801	299.484	299.548	299.340	299.263	---	299.521	300.250	300.688	---	20
21	299.833	---	299.780	299.488	299.521	299.318	299.295	---	299.608	300.283	300.742	---	21
22	299.812	---	299.798	299.493	299.412	299.277	299.318	---	299.604	300.304	300.784	300.810	22
23	299.730	---	299.810	299.504	299.347	299.267	299.316	---	299.655	300.275	300.759	300.802A	23
24	299.755	---	299.833	299.480	299.300	299.288	299.337	---	299.673	300.316	300.693	---	24
25	299.875	---	299.877	299.482	299.303	299.284	299.382	---	299.688	300.334	300.654	---	25
26	300.059	---	299.851	299.488	299.305	299.272	299.385A	---	299.726	300.348	300.633	---	26
27	300.003	---	299.885	299.535	299.318	299.254	299.350E	---	299.807	300.332	300.587	---	27
28	300.032	---	299.877	299.547	299.288	299.278	299.332E	---	299.883	300.478	300.591A	---	28
29	300.067	---	299.888	299.548	299.283	299.244	299.324E	---	300.036	300.550	300.625	---	29
30	299.785		299.882	299.488	299.320	299.212	299.320E	---	300.084	300.519	300.592A	---	30
31	299.671		299.828		299.408		299.318E	---		300.551		---	31
MEAN	300.000	---	---	299.603	299.388	299.331	299.295	---	---	300.321	300.661	---	MEAN
MAX	300.201	---	---	299.778	299.548	299.847	299.386	---	---	300.551	300.784	---	MAX
MIN	299.671	---	---	299.480	299.283	299.212	299.203	---	---	300.136	300.537	---	MIN

SUMMARY FOR THE YEAR 1988

WATER LEVELS IN METRES

MINIMUM DAILY, 299.203 ON JUL 1

TYPE OF GAUGE - RECORDING
LOCATION - LAT 50 12 37 N
LONG 95 05 30 W

A - MANUAL GAUGE

E - ESTIMATED

REGULATED

DRAINAGE AREA,
126 000 km²

WATER LEVELS ARE REFERRED TO GEODETIC SURVEY OF CANADA DATUM (LOCAL 1928 ADJ.)
APPLY -000.183 m ADJUSTMENT TO CONVERT TO ONTARIO HYDRO PROJECT DATUM

WINNIPEG RIVER AT MINAKI - STATION NO. OSPE009

DAILY WATER LEVEL IN METRES FOR 1988

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	315.020	316.080	315.870	315.820	315.910	315.730	315.890	315.940	315.890	315.880	316.010	316.070	1
2	316.000	316.080	315.850	315.780	315.820	315.700	315.900	315.950	315.890	315.720	316.010	316.080	2
3	316.040	316.080	315.860	315.780	315.920	315.740	315.900	315.930	315.900	315.720	316.020	316.120	3
4	316.010	316.080	315.880	315.800	315.840	315.770	315.890	315.930	315.900	315.880	316.050	316.140	4
5	315.990	316.040	315.880	315.820	315.940	315.800	315.900	315.920	315.900	315.840	316.040	316.110	5
6	315.980	316.030	315.870	315.770	315.940	315.830	315.930	315.910	315.890	315.830	316.030	316.090	6
7	316.040	316.040	315.880	315.800	315.950	315.850	315.980	315.920	315.850	315.850	316.010	316.110	7
8	316.020	316.030	315.860	315.780	315.840	315.870	315.960	315.920	315.830	315.820	316.000	316.110	8
9	316.030	316.020	315.870	315.790	315.940	315.890	315.970	315.910	315.820	315.580	315.950	316.080	9
10	316.040	316.020	315.970	315.820	315.900	316.030	315.970	315.890	315.800	315.580	315.940	316.050	10
11	316.040	315.980	315.980	315.880	315.820	315.950	315.970	315.880	315.800	315.540	315.920	316.050	11
12	316.030	315.980	315.940	315.890	316.030	315.880	315.880	315.870	315.810	315.510	315.920	316.070	12
13	316.020	315.940	315.940	315.890	315.900	315.890	315.840	315.870	315.770	315.540	315.940	316.080	13
14	315.990	315.970	315.930	315.910	315.900	315.880	315.860	315.860	315.780	315.570	315.950	316.000	14
15	315.980	315.980	315.930	315.930	315.900	315.880	315.970	315.880	315.750	315.570	315.950	316.020	15
16	316.000	315.930	315.820	315.930	315.900	315.970	315.980	315.840	315.780	315.640	315.980	315.980	16
17	316.020	315.920	315.900	315.850	315.900	315.880	315.880	315.840	315.780	315.650	315.950	315.970	17
18	316.010	315.930	315.900	315.850	315.890	315.980	315.880	315.850	315.730	315.710	315.920	315.940	18
19	316.030	315.950	315.900	315.850	315.900	315.950	315.880	315.850	315.730	315.730	315.890	315.930	19
20	316.010	315.970	315.880	315.980	315.880	315.920	316.000	315.870	315.740	315.740	315.890	315.920	20
21	316.010	315.980	315.870	315.950	315.820	315.920	316.000	315.870	315.700	315.830	315.870	315.920	21
22	316.030	316.000	315.880	315.950	315.820	315.840	316.000	315.880	315.720	315.830	315.880	315.920	22
23	316.050	315.990	315.840	315.850	315.830	315.920	316.010	315.890	315.710	315.880	315.880	315.920	23
24	316.050	315.990	315.830	315.840	315.840	315.920	316.000	315.880	315.710	315.810	315.810	315.940	24
25	316.080	315.990	315.840	315.940	315.820	315.890	315.990	315.880	315.700	315.950	315.830	315.950	25
26	316.030	315.980	315.860	315.940	315.840	315.880	315.980	315.880	315.700	315.980	315.870	315.930	26
27	316.020	315.970	315.840	315.940	315.840	315.890	315.980	315.900	315.730	316.010	316.010	315.930	27
28	316.050	315 970	315.830	315.930	315.850	315.870	315.950	315.890	315.720	315.990	315.990	315.980	28
29	316.030	315.960	315.810	315.890	315.850	315.870	315.970	315.900	315.710	315.940	316.030	315.980	29
30	316.080		315.780	315.910	315.850	315.880	315.970	315.890	315.720	315.980	316.050	315.990	30
31	316.060		315.780		315.840		315.950	315.890		315.970		315.820	31
MEAN	316.025	315.994	315.904	315.885	315.888	315.892	315.982	315.888	315.780	315.741	315.982	316.007	MEAN
MAX	316.080	316.080	315.980	315.950	315.950	315.980	316.010	315.950	315.900	316.010	316.050	316.140	MAX
MIN	315.980	315.920	315.780	315.770	315.820	315.700	315.890	315.840	315.700	315.510	315.880	315.820	MIN

SUMMARY FOR THE YEAR 1988

WATER LEVELS IN METRES

MEAN, 315.911
MAXIMUM DAILY, 316.140 ON DEC 4
MINIMUM DAILY, 315.510 ON OCT 12

TYPE OF GAUGE - MANUAL
LOCATION - LAT 49 53 15 N
LONG 94 39 45 W
DATA CONTRIBUTED BY -
ONTARIO HYDRO

REGULATED

WATER LEVELS ARE REFERRED TO ONTARIO HYDRO PROJECT DATUM
APPLY .183 m ADJUSTMENT TO CONVERT TO GEODETIC SURVEY OF CANADA DATUM (LOCAL 1928 ADJ.)

WINNIPEG RIVER AT WHITEDOG FALLS POWERHOUSE - STATION NO. 05PE010

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1988

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	307	388	370	198	108	280	72.3	71.1	85.8	384	372	368	1
2	380	382	352	201	113	41.3	84.8	90.0	70.9	324	351	335	2
3	258	368	308	190	101	38.1	110	110	80.3	375	319	323	3
4	386	351	332	206	93.0	47.6	99.9	98.9	82.8	351	352	328	4
5	414	379	305	223	108	44.7	99.3	108	86.2	417	383	437	5
6	276	380	304	229	126	41.7	132	88.0	132	321	374	335	6
7	255	322	279	232	110	49.3	140	83.1	188	393	398	368	7
8	378	418	328	208	103	41.7	87.7	101	143	383	395	407	8
9	340	347	315	134	176	38.5	85.2	115	172	382	487	421	9
10	345	365	330	117	122	49.1	88.4	110	166	369	389	428	10
11	349	368	306	147	92.0	40.6	87.2	88.3	148	405	402	409	11
12	340	377	254	128	188	57.4	87.0	92.1	146	383	354	387	12
13	329	371	242	103	128	78.8	113	84.1	142	308	327	403	13
14	388	354	261	119	119	152	88.4	89.3	152	338	381	482	14
15	380	353	239	132	103	75.6	82.8	127	137	328	385	393	15
16	324	385	288	125	112	117	72.0	85.3	188	280	387	443	16
17	321	337	269	145	115	85.9	81.5	28.0	138	312	427	423	17
18	365	300	262	123	106	121	90.3	89.9	182	305	411	421	18
19	318	341	282	121	116	108	87.8	73.3	158	302	388	413	19
20	368	318	293	137	289	120	76.0	71.8	270	326	374	423	20
21	312	334	285	121	104	18.2	75.9	73.7	215	329	408	387	21
22	385	305	282	138	88.8	102	72.5	77.4	239	295	418	387	22
23	332	322	254	144	77.5	74.0	85.5	78.5	244	281	337	386	23
24	335	337	295	112	89.3	128	104	77.6	264	300	305	382	24
25	326	345	291	127	110	124	112	71.2	229	309	280	402	25
26	394	338	242	121	96.3	101	110	83.1	234	284	357	413	26
27	367	387	278	116	110	82.0	107	72.3	298	382	328	374	27
28	263	345	278	187	82.7	101	110	80.5	301	453	353	357	28
29	377	350	273	137	97.3	97.0	105	92.9	339	384	332	387	29
30	340		277	112	175	48.3	112	75.3	365	331	295	358	30
31	345		208		239		98.3	102		370		352	31
TOTAL	10 528	10 234	8 823	4 531	3 605.9	2 524.8	2 904.8	2 818.5	5 578.0	10 684	11 028	12 075	TOTAL
MEAN	340	353	285	151	123	84.2	93.7	84.4	186	344	368	390	MEAN
MAX	414	418	370	232	289	290	140	137	355	453	487	482	MAX
MIN	255	300	208	103	77.5	18.2	81.5	28.0	70.9	284	280	323	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 233
MAXIMUM DAILY, 467 ON NOV 9
MINIMUM DAILY, 18.2 ON JUN 21

DATA CONTRIBUTED BY -
ONTARIO HYDRO

SUMMARY FOR THE YEAR 1988

TYPE OF GAUGE - POWER PLANT
LOCATION - LAT 50 07 00 N
LONG 94 52 15 W

REGULATED

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	910 000	JUL	251 000
FEB	884 000	AUG	226 000
MAR	762 000	SEP	482 000
APR	391 000	OCT	921 000
MAY	329 000	NOV	953 000
JUN	218 000	DEC	1 040 000

TOTAL DISCHARGE, 7 370 000 dam³

WINNIPEG RIVER BELOW KENORA POWERHOUSE - STATION NO. 05PE001

DAILY WATER LEVEL IN METRES FOR 1988

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	316.957	316.880	316.822	316.647	316.623	316.535	316.586	316.619	316.806	316.975	317.087	317.118	1
2	316.949	316.971	316.813	316.606	316.633	316.521	316.599	316.630	316.810	316.981	317.081	317.127	2
3	316.981	316.988	316.810	316.604	316.637	316.531	316.604	316.624	316.810	316.984	317.088	317.140	3
4	316.988	316.985	316.806	316.626	316.651	316.540	316.600	316.621	316.811	317.004	317.088	317.144	4
5	316.950	316.962	316.862	316.648	316.640	316.583	316.609	316.614	316.808	316.988	317.106	317.140	5
6	316.939	316.954	316.869	316.633	316.626	316.584	316.639	316.601	316.599	316.985	317.107	317.136	6
7	316.956	316.961	316.867	316.633	316.624	316.589	316.652	316.607	316.591	316.984	317.101	317.145	7
8	316.968	316.961	316.878	316.626	316.635	316.648	316.643	316.601	316.598	316.982	317.096	317.145	8
9	316.959	316.961	316.867	316.639	316.639	316.684	316.649	316.595	316.579	316.977	317.086	317.162	9
10	316.962	316.950	316.867	316.648	316.618	316.607	316.654	316.588	316.592	316.989	317.081	317.162	10
11	316.985	316.928	316.820	316.681	316.620	316.660	316.640	316.588	316.602	316.980	317.073	317.173	11
12	316.964	316.927	316.768	316.685	316.628	316.689	316.639	316.591	316.579	316.986	317.066	317.177	12
13	316.958	316.922	316.757	316.672	316.611	316.671	316.650	316.600	316.602	316.953	317.070	317.184	13
14	316.948	316.926	316.760	316.681	316.600	316.689	316.630	316.612	316.598	316.953	317.076	317.178	14
15	316.946	316.916	316.761	316.680	316.598	316.655	316.638	316.598	316.598	316.955	317.081	317.168	15
16	316.957	316.912	316.755	316.685	316.589	316.656	316.634	316.582	316.598	316.969	317.093	317.160	16
17	316.962	316.902	316.753	316.700	316.586	316.649	316.641	316.582	316.597	316.971	317.092	317.160	17
18	316.958	316.908	316.753	316.680	316.584	316.648	316.639	316.583	316.593	316.978	317.081	317.151	18
19	316.985	316.921	316.747	316.676	316.595	316.657	316.642	316.578	316.609	316.991	317.074	317.140	19
20	316.985	316.923	316.741	316.675	316.583	316.631	316.653	316.582	316.640	316.997	317.068	317.137	20
21	316.958	316.924	316.729	316.661	316.580	316.626	316.658	316.578	316.648	317.010	317.055A	317.135	21
22	316.964	316.936	316.725	316.653	316.567	316.628	316.655	316.582	316.650	317.012	317.053E	317.132	22
23	316.977	316.928	316.721	316.655	316.589	316.608	316.688	316.615	316.652	317.035	317.051E	317.145	23
24	316.988	316.927	316.715	316.645	316.586	316.610	316.658	316.622	316.648	317.051	317.050A	317.143	24
25	316.984	316.925	316.718	316.651	316.561	316.614	316.641	316.618	316.654	317.058	317.065	317.149	25
26	316.974	316.936	316.721	316.648	316.567	316.598	316.634	316.613	316.677	317.064	317.083	317.148	26
27	316.971	316.928	316.714	316.643	316.566	316.611	316.628	316.638	316.728	317.077	317.103	317.158	27
28	316.968	316.937	316.708	316.635	316.574	316.597	316.621	316.613	316.740	317.088	317.100	317.156	28
29	316.975	316.928	316.705	316.625	316.574	316.591	316.636	316.612	316.747	317.078	317.108	317.154	29
30	316.977		316.689	316.626	316.575	316.598	316.628	316.604	316.687	317.078	317.118	317.161	30
31	316.987		316.694		316.588		316.624	316.603		317.077		317.171	31
MEAN	316.964	316.938	316.784	316.651	316.599	316.627	316.635	316.603	316.634	317.005	317.083	317.152	MEAN
MAX	316.987	316.980	316.822	316.700	316.651	316.684	316.688	316.638	316.887	317.088	317.118	317.184	MAX
MIN	316.939	316.902	316.694	316.604	316.580	316.521	316.586	316.578	316.578	316.953	317.050	317.118	MIN

WATER LEVELS IN METRES

MEAN, 316.808
MAXIMUM DAILY, 317.184 ON DEC 13
MINIMUM DAILY, 316.521 ON JUN 2
MAXIMUM INSTANTANEOUS,
317.187 AT 16:43 CST ON DEC 12

SUMMARY FOR THE YEAR 1988

TYPE OF GAUGE - POWER PLANT
LOCATION - LAT 49 46 20 N
LONG 94 30 10 W

A - MANUAL GAUGE

E - ESTIMATED

REGULATED

WATER LEVELS ARE REFERRED TO LAKE OF THE WOODS DATUM
APPLY -000.177 m ADJUSTMENT TO CONVERT TO GEODETIC SURVEY OF CANADA DATUM (LOCAL 1969 ADJ.)

WINNIPEG RIVER BELOW LAKE OF THE WOODS OUTLETS - STATION NO. 05PE020

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1988

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	346	353	350	211	127	124	99.7	99.5	100	395	398	401	1
2	346	353	350	191	127	124	99.8	99.4	100	395	400	401	2
3	346	353	350	181	127	124	99.8	99.7	100	392	398	401	3
4	345	353	316	195	126	124	99.7	99.4	100	393	398	401	4
5	346	353	301	200	124	124	99.5	99.5	101	397	394	401	5
6	346	353	300	200	121	105	99.6	99.7	101	398	395	401	6
7	346	353	300	200	122	98.3	100	100	132	398	397	401	7
8	345	352	300	200	122	108	100	99.3	180	397	398	401	8
9	348	352	301	201	121	149	99.8	99.7	180	398	397	412	9
10	348	352	301	200	122	133	99.4	100	180	395	396	421	10
11	345	353	288	188	122	99.1	99.5	99.8	180	397	399	421	11
12	344	353	241	182	122	99.1	99.8	99.5	183	399	399	422	12
13	345	353	242	182	122	98.7	100	99.2	183	400	398	422	13
14	345	352	247	181	123	98.7	99.8	99.3	182	400	398	421	14
15	345	353	250	181	123	98.8	99.7	99.7	183	400	402	422	15
16	345	353	250	181	123	99.1	99.7	99.6	183	398	397	422	16
17	345	353	250	181	123	99.8	99.8	99.4	183	395	400	422	17
18	345	353	250	140	124	99.8	99.6	99.3	183	394	403	423	18
19	344	352	250	132	123	99.4	99.7	99.8	201	394	403	423	19
20	344	352	250	131	123	99.5	99.5	99.7	250	395	403	423	20
21	345	352	250	128	123	100	99.4	100	284	392	404	424	21
22	347	351	250	128	123	99.2	99.6	100	285	394	404	424	22
23	355	351	250	128	123	99.5	99.8	99.8	285	392	404	424	23
24	356	351	251	128	123	100	99.4	99.3	255	390	404	423	24
25	353	351	251	128	124	99.3	99.5	99.0	256	389	403	423	25
26	353	351	251	128	123	99.4	99.8	99.4	306	390	403	423	26
27	353	351	251	128	123	99.7	99.5	99.3	345	393	400	423	27
28	353	350	251	128	123	99.4	99.7	99.4	346	394	402	423	28
29	353	350	252	127	124	99.7	99.4	99.8	347	398	402	423	29
30	352		252	127	124	99.7	99.3	100	374	398	401	423	30
31	352		252		124		99.8	100		398		422	31
TOTAL	10 777	10 212	8 425	4 732	3 824	3 201.2	3 089.8	3 085.9	5 848	12 258	11 998	12 917	TOTAL
MEAN	348	352	272	188	123	107	99.7	99.8	195	395	400	417	MEAN
MAX	356	353	350	211	127	149	100	100	374	400	404	424	MAX
MIN	344	350	241	126	121	98.3	99.3	99.0	100	389	394	401	MIN

SUMMARY FOR THE YEAR 1988

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 247
MAXIMUM DAILY, 424 ON DEC 21
MINIMUM DAILY, 98.3 ON JUN 7

TYPE OF GAUGE -
LOCATION - LAT 49 47 00 N
LONG 94 30 50 W
DRAINAGE AREA, 70 400 km²

REGULATED

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	931 000	JUL	287 000
FEB	882 000	AUG	287 000
MAR	728 000	SEP	505 000
APR	409 000	OCT	1 080 000
MAY	330 000	NOV	1 040 000
JUN	277 000	DEC	1 120 000

TOTAL DISCHARGE, 7 820 000 dam³

REMARKS - DAILY DISCHARGES OBTAINED BY SUMMATION OF FLOWS THROUGH ALL LAKE OF THE WOODS OUTLETS

WINNIPEG RIVER BELOW NORMAN DAM AND POWERHOUSE - STATION NO. 05PE012

DAILY WATER LEVEL IN METRES FOR 1988

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	316.858	316.905	316.837	316.423	316.336	316.174	316.300	316.384	316.307	316.725	316.908	316.959	1
2	316.852	316.898	316.834	316.385	316.343	316.148	316.304	316.384	316.310	316.735	316.905	316.967	2
3	316.853	316.891	316.826	316.355	316.353	316.182	316.307	316.348	316.318	316.749	316.918	316.968	3
4	316.871	316.887	316.779	316.370	316.378	316.211	316.307	316.344	316.328	316.738	316.934	316.985	4
5	316.858	316.882	316.719	316.374	316.378	316.234	316.320A	316.333	316.323	316.728	316.941	316.985	5
6	316.844	316.871	316.729	316.361	316.388	316.255	316.348	316.318	316.303	316.712	316.939	316.987	6
7	316.859	316.875	316.729	316.361	316.384	316.269	316.384	316.334	316.288	316.714	316.927	316.992	7
8	316.872	316.871	316.743	316.339	316.387	316.263	316.368	316.334	316.283	316.713	316.918	316.994	8
9	316.884	316.866	316.726	316.352	316.386	316.338	316.387	316.311	316.268	316.707	316.908	316.994	9
10	316.868	316.863	316.725	316.377	316.352	316.361	316.397	316.285	316.261	316.703	316.894	317.000	10
11	316.877	316.853	316.676	316.361	316.364	316.383	316.384	316.294	316.263	316.692	316.878	316.990	11
12	316.878	316.842	316.585	316.347	316.378	316.403	316.389	316.282	316.269	316.677	316.869	316.987	12
13	316.873	316.834	316.581	316.370	316.338	316.412	316.391	316.283	316.253	316.667	316.863	316.991	13
14	316.880	316.841	316.580	316.387	316.317	316.422	316.374	316.291	316.246	316.677	316.892	316.985	14
15	316.849	316.829	316.578	316.394	316.333	316.400	316.385	316.276	316.232	316.683	316.897	316.969	15
16	316.855	316.821	316.566	316.396	316.320	316.389	316.382	316.281	316.232	316.712	316.928	316.983	16
17	316.867	316.811	316.557	316.430	316.314	316.373	316.387	316.274	316.237	316.727	316.921	316.984	17
18	316.869	316.815	316.555	316.402	316.305	316.383	316.393	316.274	316.228	316.737	316.899	316.961	18
19	316.870	316.832	316.552	316.387	316.325	316.387	316.397	316.267	316.299	316.755	316.888	316.935	19
20	316.872	316.840	316.544	316.401	316.298	316.338	316.415	316.275	316.405	316.770	316.882	316.929	20
21	316.882	316.840	316.527	316.389	316.256	316.347	316.417	316.282	316.392	316.785	316.869	316.920	21
22	316.874	316.857	316.519	316.384	316.258	316.371	316.408	316.275	316.396	316.789	316.857	316.918	22
23	316.881	316.861	316.508	316.380	316.268	316.335	316.413	316.291	316.399	316.830	316.849	316.930	23
24	316.907	316.848	316.505	316.369	316.267	316.331	316.428	316.304	316.395	316.858	316.863	316.938	24
25	316.909	316.846	316.511	316.385	316.244	316.335	316.381	316.311	316.398	316.872	316.880	316.941	25
26	316.898	316.848	316.527	316.379	316.274	316.298	316.381	316.292	316.491	316.881	316.902	316.937	26
27	316.880	316.843	316.515	316.382	316.273	316.307	316.370	316.314	316.832	316.914	316.931	316.943	27
28	316.880	316.844	316.503	316.363	316.265	316.258	316.359	316.312	316.646	316.932	316.928	316.948	28
29	316.893	316.843	316.487	316.333	316.264	316.283	316.383	316.311	316.653	316.905	316.930	316.953	29
30	316.904		316.474	316.339	316.277	316.290	316.382	316.303	316.673	316.886	316.950	316.964	30
31	316.916		316.465		316.264		316.384	316.298		316.905		316.973	31
MEAN	316.874	316.853	316.612	316.375	316.319	316.317	316.378	316.303	316.357	316.771	316.903	316.964	MEAN
MAX	316.916	316.905	316.837	316.430	316.388	316.422	316.428	316.384	316.673	316.932	316.950	317.000	MAX
MIN	316.844	316.811	316.465	316.333	316.244	316.148	316.300	316.281	316.228	316.667	316.849	316.918	MIN

SUMMARY FOR THE YEAR 1988

WATER LEVELS IN METRES

MEAN, 316.585
MAXIMUM DAILY, 317.000 ON DEC 10
MINIMUM DAILY, 316.148 ON JUN 2
MAXIMUM INSTANTANEOUS,
317.005 AT 20:20 CST ON DEC 9

TYPE OF GAUGE - RECORDING
LOCATION - LAT 49 46 15 N
LONG 94 31 25 W

A - MANUAL GAUGE

REGULATED

WATER LEVELS ARE REFERRED TO LAKE OF THE WOODS DATUM
APPLY -000.177 m ADJUSTMENT TO CONVERT TO GEODETIC SURVEY OF CANADA DATUM (LOCAL 1969 ADJ.)

WOLF RIVER AT HIGHWAY NO. 17 - STATION NO. 02AC001

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1988

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	1.34 B	0.965B	0.920B	1.53B	8.48	4.95	4.23	2.79	10.7	8.13	9.82	12.8 B	1
2	1.32 B	0.959B	0.915B	1.72B	8.64	4.85	3.84	3.47	10.6	7.81	9.10	12.0 B	2
3	1.29 B	0.954B	0.912B	2.06B	8.81	4.62	3.43	4.45	11.0	7.61	8.80	11.3 B	3
4	1.27 B	0.948B	0.910B	2.55B	8.80	4.28	3.11	5.78	11.2	7.84	8.58	10.7 B	4
5	1.24 B	0.942B	0.907B	3.02B	8.44	4.17	2.82	6.80	10.8	8.18	8.42	10.1 B	5
6	1.21 B	0.938B	0.905B	3.75B	7.89	4.10	2.91	7.58	9.47	8.43	10.4	9.55B	6
7	1.19 B	0.934B	0.903B	4.70B	7.55	3.75	2.88	8.86	8.50	10.2	10.5	9.15B	7
8	1.16 B	0.930B	0.902B	5.35B	7.23	3.61	3.09	10.1	7.90	9.91	10.8	8.70B	8
9	1.17 B	0.926B	0.900B	8.00E	7.63	3.38	2.93	9.44	7.38	9.28	10.6	8.30B	9
10	1.18 B	0.922B	0.898B	9.70E	8.29	3.14	2.80	8.25	6.75	8.93	10.3	7.95B	10
11	1.15 B	0.918B	0.898B	11.4 E	9.89	2.92	2.63	7.10	6.30	8.15	10.1	7.65B	11
12	1.13 B	0.914B	0.893B	13.3 E	10.8	2.69	2.40	5.88	6.13	7.57	10.0	7.35B	12
13	1.11 B	0.910B	0.890B	14.7 E	11.5	2.85	2.42	5.26	5.77	7.13	10.4	7.15B	13
14	1.10 B	0.907B	0.888B	14.6 E	11.3	2.98	2.41	7.40	5.46	6.81	10.1	6.95B	14
15	1.08 B	0.903B	0.885B	14.4 E	11.7	3.17	2.52	13.8	5.12	6.46	9.97	6.75B	15
16	1.07 B	0.900B	0.883B	13.6 E	11.3	3.16	2.72	22.9	4.90	7.31	13.6	6.55B	16
17	1.06 B	0.896B	0.880B	13.0 E	10.6	3.26	2.70	23.5	4.97	9.35	21.3	6.40B	17
18	1.06 B	0.892B	0.878B	12.3 E	9.86	3.29	2.70	19.8	4.73	12.2	27.4	6.25B	18
19	1.05 B	0.888B	0.876B	11.7 E	9.86	3.78	2.83	15.0	5.02	14.2	29.1	6.05B	19
20	1.04 B	0.885B	0.874B	10.8	8.37	3.77	2.80	12.8	5.55	13.6	26.7	5.95B	20
21	1.03 B	0.882B	0.872B	9.79	8.02	3.49	2.80	10.5	8.18	12.6	23.4	5.85B	21
22	1.03 B	0.880B	0.870B	8.86	7.54	3.74	2.51	8.82	10.8	11.6	20.7	5.75B	22
23	1.02 B	0.875B	0.878B	8.35	7.16	3.68	2.38	8.53	12.1	11.0	19.6	5.65B	23
24	1.01 B	0.830B	0.890B	7.79	6.89	3.94	2.34	10.2	11.5	11.3	18.1	5.55B	24
25	1.00 B	0.782	1.02 B	7.58	6.22	4.89	2.38	11.5	10.9	11.6	17.1	5.45B	25
26	1.00 B	0.784	1.12 B	7.70	5.89	5.58	2.24	12.7	9.70	11.8	16.5	5.35B	26
27	0.992B	0.820B	1.20 B	7.78	5.59	6.03	2.02	13.7	9.39	11.7	16.2	5.25B	27
28	0.985B	0.900B	1.24 B	7.97	5.42	5.94	1.85	13.6	8.83	11.9	15.6	5.20B	28
29	0.980B	0.915B	1.29 B	8.13	5.28	5.48	1.95	13.0	8.52	11.1	14.4 B	5.10B	29
30	0.975B		1.33 B	8.31	5.15	4.84	2.39	12.1	8.33	10.3	13.8 B	5.05B	30
31	0.968B		1.40 B		5.02		2.81	11.0		9.90		5.00B	31
TOTAL	34.210	26.108	30.023	255.96	253.62	120.18	83.32	328.89	247.20	304.77	442.19	226.80	TOTAL
MEAN	1.10	0.900	0.968	8.53	8.18	4.01	2.68	10.6	8.24	9.83	14.7	7.32	MEAN
MAX	1.34	0.965	1.40	14.6	11.7	6.03	4.23	23.5	12.1	14.2	29.1	12.8	MAX
MIN	0.968	0.782	0.870	1.53	5.02	2.65	1.85	2.79	4.73	6.46	8.58	5.00	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 6.43
MAXIMUM DAILY, 29.1 ON NOV 19
MINIMUM DAILY, 0.782 ON FEB 25
MAXIMUM INSTANTANEOUS,
29.4 AT 14:38 EST ON NOV 19

SUMMARY FOR THE YEAR 1988

TYPE OF GAUGE - RECORDING
LOCATION - LAT 48 49 19 N
LONG 88 32 07 W
DRAINAGE AREA, 738 km²

B - ICE CONDITIONS
E - ESTIMATED
NATURAL FLOW

MONTHLY TOTAL DISCHARGE
IN CUBIC DECAMETRES

JAN	2 950	JUL	7 200
FEB	2 250	AUG	28 400
MAR	2 590	SEP	21 400
APR	22 100	OCT	26 300
MAY	21 900	NOV	38 200
JUN	10 400	DEC	19 600

TOTAL DISCHARGE, 203 000 dam³

WYE CREEK NEAR THORNDALE - STATION NO. 02GD013

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1988

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	0.160B	1.20	0.094B	0.513	0.083	0.024	0	0.051	0	0.001	0.103	0.147	1
2	0.135B	0.420B	0.088B	0.415	0.067	0.026	0	0.034	0	0.008	0.082	0.123	2
3	0.148B	0.270B	0.102B	3.45	0.082	0.024	0	0.020	0	0.009	0.058	0.123	3
4	0.125B	0.190B	0.100B	3.22	0.061	0.021	0	0.010	0.375	0.005	0.087	0.091	4
5	0.100B	0.160B	0.095B	1.38	0.055	0.018	0	0.007	0.219	0.003	0.280	0.088	5
6	0.080B	0.150B	0.300B	0.826	0.050	0.018	0	0.008	0.088	0.002	0.793	0.092	6
7	0.060B	0.135B	0.700B	0.809	0.048	0.013	0	0.004	0.031	0.003	0.891	0.084	7
8	0.050B	0.120B	1.50 B	0.451	0.042	0.011	0	0.003	0.020	0.004	0.787	0.055	8
9	0.040B	0.110B	3.74	0.348	0.051	0.013	0	0.002	0.012	0.004	0.814	0.048B	9
10	0.030B	0.100B	1.83	0.275	0.088	0.011	0	0.032	0.008	0.010	2.07	0.047B	10
11	0.024B	0.095B	1.19	0.219	0.053	0.009	0	0.014	0.005	0.857	1.24	0.052B	11
12	0.025B	0.090B	1.00	0.192	0.048	0.007	0	0.008	0.003	0.856	0.851	0.060B	12
13	0.027B	0.085B	0.800	0.167	0.046	0.005	0	0.005	0.003	0.441	4.04	0.050B	13
14	0.025B	0.080B	0.575	0.175	0.042	0.004	0	0.002	0.002	0.205	2.23	0.037B	14
15	0.024B	0.120B	0.414	0.171	0.046	0.003	0	0.019	0.002	0.125	0.897	0.027B	15
16	0.023B	0.190B	0.356	0.147	0.181	0.002	0	0.008	0.001	0.086	0.611	0.026B	16
17	0.050B	0.165B	0.328	0.135	0.227	0.002	0.021A	0.003	0.002	0.089	0.487	0.026B	17
18	0.440B	0.140B	0.281	0.166	0.137	0.002	0.010	0.002	0.002	1.42	0.284	0.025B	18
19	0.330B	0.127B	0.258	0.126	0.111	0.001	0.004	0.001	0.002	0.823	0.235	0.025B	19
20	0.400B	0.120B	0.336	0.128	0.102	0.001	0.002	0	0.002	0.883	1.31	0.540B	20
21	0.280B	0.115B	0.302	0.144	0.290	0	0	0	0.002	0.385	4.14	0.576	21
22	0.170B	0.124B	0.330	0.122	0.318	0	0	0	0.002	0.442	1.42	0.190	22
23	0.100B	0.167B	0.838	0.142	0.205	0	0.001	0	0.011	0.318	0.788	0.938	23
24	0.070B	0.220B	1.84	0.140	0.147	0	0.013	0	0.007	0.457	0.491	0.639	24
25	0.060B	0.180B	4.55	0.110	0.101	0	0.012	0.003	0.003	0.829	0.350	0.303	25
26	0.052B	0.132B	4.35	0.100	0.078	0	0.015	0.003	0.002	0.470	0.278	0.185	26
27	0.044B	0.117B	2.05	0.098	0.058	0	0.008	0.003	0.002	0.273	0.258	1.22	27
28	0.046B	0.108B	1.05	0.087	0.047	0	0.024	0.001	0.001	0.240	0.201	5.35	28
29	0.044B	0.100B	1.20	0.098	0.039	0	0.020	0.001	0.001	0.177	0.184	1.09	29
30	0.200B		0.947	0.100	0.031	0	0.013	0	0.001	0.122	0.171	0.508B	30
31	0.900B		0.857		0.024		0.025	0		0.100		0.272B	31
TOTAL	4.243	5.311	32.208	14.264	2.945	0.213	0.189	0.245	0.790	9.429	25.984	13.035	TOTAL
MEAN	0.137	0.183	1.04	0.475	0.095	0.007	0.006	0.008	0.026	0.304	0.865	0.420	MEAN
MAX	0.900	1.20	4.55	3.45	0.318	0.026	0.025	0.051	0.375	1.42	4.14	5.35	MAX
MIN	0.023	0.080	0.094	0.098	0.024	0	0	0	0	0.001	0.058	0.025	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 0.287
MAXIMUM DAILY, 5.35 ON DEC 28
MINIMUM DAILY, 0 ON JUN 21
MAXIMUM INSTANTANEOUS,
10.2 AT 19:50 EST ON MAR 25

SUMMARY FOR THE YEAR 1988

TYPE OF GAUGE - RECORDING
LOCATION - LAT 43 05 30 N
LONG 81 09 03 W
DRAINAGE AREA, 38.9 km²

A - MANUAL GAUGE
B - ICE CONDITIONS

NATURAL FLOW

MONTHLY TOTAL DISCHARGE
IN CUBIC DECAMETRES

JAN	387	JUL	14.6
FEB	458	AUG	21.2
MAR	2 780	SEP	68.3
APR	1 230	OCT	815
MAY	254	NOV	2 240
JUN	18.4	DEC	1 130

TOTAL DISCHARGE, 9 400 dam³

WYE RIVER NEAR WYEVALE - STATION NO. 02ED013

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1988

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	0.776	0.99	0.615B	2.38	1.05	0.344	0.224	0.285	0.330	0.829	1.18	0.852	1
2	0.673	1.97	0.563B	2.19	0.880	0.321	0.218	0.297	0.318	0.883	1.18	0.855	2
3	0.646	1.43	0.585B	3.43	0.795	0.291	0.189	0.272	0.301	0.839	1.05	0.807	3
4	0.610	1.15	0.520B	4.95	0.720	0.256	0.181	0.231	0.478	0.846	0.919	0.783	4
5	0.493	0.891	0.500B	4.50	0.661	0.282	0.187	0.248	2.71	0.997	1.02	0.736	5
6	0.525B	0.600B	0.530B	3.25	0.609	0.274	0.200	0.258	1.53	0.870	1.82	0.728	6
7	0.751B	0.780B	0.570B	2.76	0.567	0.302	0.209	0.226	0.845	0.781	1.52	0.777	7
8	0.710B	0.720B	0.737	2.82	0.585	0.265	0.193	0.215	0.631	0.848	1.29	0.747	8
9	0.747	0.680B	0.889	2.09	0.582	0.238	0.150	0.250	0.557	0.581	2.01	0.815B	9
10	0.690B	0.645B	1.55	1.70	0.727	0.248	0.188	0.348	0.518	0.550	3.03	0.630B	10
11	0.640B	0.640B	1.85	1.44	0.700	0.249	0.230	0.324	0.571	0.685	4.12	0.884B	11
12	0.630B	0.673	1.43	1.29	0.594	0.248	0.238	0.285	0.529	1.16	2.53	0.748B	12
13	0.626	0.695B	1.06	1.21	0.548	0.258	0.174	0.230	0.887	0.854	2.20	0.718	13
14	0.625B	0.691	0.984	1.19	0.502	0.248	0.154	0.213	0.561	0.895	2.18	0.711	14
15	0.615B	0.717	0.929	1.52	0.485	0.260	0.182	0.208	0.471	0.846	1.58	0.733	15
16	0.595B	0.784B	0.834	1.48	0.808	0.290	0.158	0.219	0.478	0.884	1.32	0.700B	16
17	0.612	0.687	0.730	1.33	0.705	0.333	0.141	0.294	0.801	0.835	1.14	0.880B	17
18	1.92	0.673	0.892	1.26	0.689	0.341	0.129	0.345	0.843	0.824	1.00	0.830B	18
19	2.42	0.805	0.674	1.25	0.507	0.333	0.122	0.269	0.595	0.890	0.932	0.885B	19
20	2.39	0.629	0.586	1.08	0.578	0.322	0.105	0.239	0.684	0.750	0.971	0.818	20
21	4.17	0.600B	0.538B	0.981	0.991	0.305	0.102	0.220	0.776	0.675	1.48	3.95 B	21
22	1.86	0.590B	0.482B	0.911	0.853	0.418	0.128	0.222	0.787	0.721	1.32	2.42	22
23	1.37	0.680B	1.68 B	0.859	0.676	0.801	0.187	0.219	1.08	0.782	1.13	1.98	23
24	1.08	0.858	5.73	1.87	0.589	0.407	0.233	0.262	1.06	0.884	1.01	1.91	24
25	0.926	0.823	8.24 B	1.82	0.538	0.318	0.239	0.522	0.850	0.939	0.936	1.89	25
26	0.800B	0.670B	8.33	1.28	0.490	0.302	0.341	0.560	0.855	1.34	0.870	1.37	26
27	0.750B	0.689	5.88	1.07	0.488	0.259	0.423	0.521	0.650	1.37	0.852	1.48	27
28	0.700B	0.600B	2.61	1.26	0.413	0.229	0.319	0.358	0.847	1.11	0.858	2.39	28
29	0.640B	0.610B	2.85	1.17	0.395	0.207	0.314	0.337	0.798	0.868	0.845	2.13	29
30	1.02		3.86	1.23	0.388	0.203	0.289	0.325	0.739	1.04	0.828	1.86	30
31	5.88		2.82		0.356		0.276	0.324		1.08		1.74	31
TOTAL	36.702	28.290	80.215	54.991	19.428	8.980	6.382	8.056	22.525	28.305	43.211	38.205	TOTAL
MEAN	1.18	0.907	1.94	1.83	0.627	0.299	0.208	0.292	0.751	0.849	1.44	1.23	MEAN
MAX	5.88	4.99	8.33	4.95	1.05	0.801	0.423	0.560	2.71	1.37	4.12	3.95	MAX
MIN	0.493	0.570	0.482	0.859	0.356	0.203	0.102	0.208	0.301	0.550	0.828	0.815	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 0.983
MAXIMUM DAILY, 8.33 ON MAR 26
MINIMUM DAILY, 0.102 ON JUL 21
MAXIMUM INSTANTANEOUS,
11.5 AT 21:00 EST ON MAR 25

SUMMARY FOR THE YEAR 1988

TYPE OF GAUGE - RECORDING
LOCATION - LAT 44 38 56 N
LONG 79 54 18 W
DRAINAGE AREA, 118 km²

B - ICE CONDITIONS

REGULATED

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	3 170	JUL	552
FEB	2 270	AUG	782
MAR	5 200	SEP	1 850
APR	4 750	OCT	2 270
MAY	1 680	NOV	3 730
JUN	778	DEC	3 300

TOTAL DISCHARGE, 30 400 dam³

YORK RIVER NEAR BANCROFT - STATION NO. 02KD002

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1988

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	10.9 B	7.90B	8.60B	41.6	36.6	8.10	2.17	0.788	1.81	1.86	4.72	7.81	1
2	10.4 B	8.00B	8.52B	42.7	33.2	7.79	1.86	0.777	1.15	1.34	4.65	7.55	2
3	10.0 B	8.00B	8.05B	46.4	31.8	7.89	1.81	0.775	1.19	1.83	4.15	7.54	3
4	9.40B	7.98B	7.00B	54.0	30.3	7.48	1.82	0.783	0.287	2.28	4.25	7.49	4
5	8.25B	7.95B	6.77B	62.2	28.8	7.51	1.68	0.788	1.45	1.59	4.59	7.26	5
6	8.00B	7.82B	6.41	88.1	25.7	7.36	1.63	0.791	2.58	2.48	5.07	7.75	6
7	7.90B	7.80B	6.15	74.3	18.6	8.36	1.69	0.808	4.84	2.57	5.24	8.02	7
8	7.80B	8.80B	6.14	78.7	8.39	5.04	1.69	0.803	4.21	2.47	5.44	7.82	8
9	7.79B	8.30B	6.31B	80.6	10.6	4.88	1.70	0.882	3.85	2.38	5.57	7.85	9
10	7.72B	8.30B	10.1	78.6	11.8	4.77	1.84	1.08	4.32	2.24	4.98	7.77B	10
11	7.88B	8.27B	9.80	69.1	13.5	4.73	1.80	1.03	4.15	2.22	8.38	7.70B	11
12	7.84B	8.22B	9.80	46.7	13.5	4.87	1.32	0.981	2.83	2.11	8.33	7.80B	12
13	7.81B	8.17B	9.48	40.4	13.6	4.27	1.38	0.880	4.12	2.14	8.58	7.60B	13
14	7.59B	8.13B	9.30	30.4	13.6	3.95	1.19	0.845	3.31	2.10	7.27	7.21B	14
15	7.57B	8.10B	7.70	33.1	12.8	3.74	1.19	0.888	3.43	2.08	9.21	7.18B	15
16	7.55B	8.85B	8.87	35.9	14.2	3.78	1.08	0.586	3.91	2.11	8.89	7.00B	16
17	7.53B	9.80B	8.81	38.0	21.1	3.79	0.829	0.617	3.89	2.20	9.38	6.97B	17
18	7.62B	9.85B	8.83	34.9	24.7	3.84	0.994	1.27	3.79	2.29	14.4	6.83B	18
19	7.51B	9.80B	8.82	33.7	31.4	2.88	1.11	1.40	3.16	2.59	18.4	6.90B	19
20	7.50B	9.73B	8.48	30.5	40.2	2.82	1.01	0.337	2.97	2.37	15.6	6.80B	20
21	8.10B	9.86B	8.40B	30.8	44.7	2.81	0.839	0.452	3.88	2.28	15.0	6.85B	21
22	8.07B	9.80B	8.39B	29.2	38.5	2.87	1.08	1.18	3.80	2.32	15.2	6.26	22
23	8.03B	9.55B	8.53	24.7	25.2	2.87	0.872	1.84	4.31	2.28	14.5	5.89	23
24	8.00B	9.50B	8.37	25.2	20.6	2.70	0.803	1.55	3.48	2.36	12.2	5.83	24
25	7.98B	8.40B	7.32	26.2	22.7	2.87	0.940	1.78	3.45	2.82	7.35	5.70	25
26	7.90B	9.30B	9.01	28.5	25.5	2.73	0.858	1.01	3.50	2.95	6.45	5.82	26
27	7.84B	9.15B	17.1	28.9	21.5	2.26	0.980	1.43	3.70	4.14	6.97	5.85	27
28	7.80B	9.00B	21.2	27.8	12.0	1.93	0.955	1.60	2.57	4.87	7.41	6.00	28
29	7.76B	8.80B	32.4	31.3	10.5	1.88	0.909	1.08	2.28	4.84	7.78	5.82	29
30	7.74B		40.5	34.8	8.87	1.93	0.880	0.981	2.04	4.55	7.70	5.80	30
31	7.70B		40.8		8.76		0.821	1.75		4.57		5.87	31
TOTAL	250.72	262.13	350.03	1 303.8	672.22	128.80	39.678	31.810	83.367	81.03	280.48	213.25	TOTAL
MEAN	8.09	9.04	11.3	43.5	21.7	4.33	1.29	1.02	3.11	2.61	8.38	6.88	MEAN
MAX	10.9	9.85	40.8	80.6	44.7	8.10	2.17	1.84	4.84	4.87	18.4	8.02	MAX
MIN	7.50	7.80	6.14	24.7	8.39	1.88	0.803	0.337	0.287	1.34	4.15	5.57	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 10.1
MAXIMUM DAILY, 80.6 ON APR 9
MINIMUM DAILY, 0.287 ON SEP 4
MAXIMUM INSTANTANEOUS,
80.7 AT 00:26 EST ON APR 9

SUMMARY FOR THE YEAR 1988

TYPE OF GAUGE - RECORDING
LOCATION - LAT 45 03 08 N
LONG 77 50 42 W
DRAINAGE AREA, 837 km²

B - ICE CONDITIONS

REGULATED

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	21 700	JUL	3 450
FEB	22 600	AUG	2 730
MAR	30 200	SEP	8 070
APR	113 000	OCT	7 000
MAY	58 100	NOV	21 800
JUN	11 200	DEC	18 400

TOTAL DISCHARGE, 318 000 dam³

NAME	STATION NO.	PAGE
ABITIBI RIVER AT ABITIBI CANYON	04ME002	1
ABITIBI RIVER AT IROQUOIS FALLS	04MC001	1
ABITIBI RIVER AT ONAKAWANA	04ME003	2
ABITIBI RIVER AT OTTER RAPIDS	04ME004	2
ABITIBI RIVER AT TWIN FALLS	04MC002	3
ALBANY RIVER ABOVE NOTTIK ISLAND	04GD001	3
ALBANY RIVER NEAR HAT ISLAND	04HA001	4
ALDER CREEK NEAR NEW DUNDEE	02GA030	4
AMABLE DU FOND RIVER AT SAMUEL DE CHAMPLAIN PROVINCIAL PARK	02JE019	5
ANCASTER CREEK AT ANCASTER	02HB021	5
ASHEWEIG RIVER AT STRAIGHT LAKE	04DB001	6
ATIKOKAN RIVER AT ATIKOKAN	05PB018	6
ATTAWAPISKAT RIVER BELOW ATTAWAPISKAT LAKE	04FB001	7
ATTAWAPISKAT RIVER BELOW MUKETEI RIVER	04FC001	7
AUBINADONG RIVER ABOVE SESABIC CREEK	02CB003	8
AUSABLE RIVER NEAR EXETER	02FF008	8
AUSABLE RIVER NEAR SPRINGBANK	02FF002	8
AUX SABLES RIVER AT MASSEY	02CE002	9
AVON RIVER BELOW STRATFORD	02GD018	10
BASSWOOD RIVER NEAR WINTON	05PA012	10
BATCHAWANA RIVER NEAR BATCHAWANA	03BF001	11
BAYFIELD RIVER NEAR VARNA	02FF007	11
BEAR BROOK NEAR BOURGET	02LB008	12
BEAR CREEK BELOW BRIGDEN	02GG008	12
BEAR CREEK NEAR PETROLIA	02GG005	13
BEATTY SAUGEEN RIVER NEAR HOLSTEIN	02FC017	13
BEAVER CREEK NEAR MARMORA	02HK008	14
BEAVER RIVER NEAR CLARKSBURG	02FB008	14
BEAVERTON RIVER NEAR BEAVERTON	02EC011	15
BERENS RIVER ABOVE BERENS LAKE	05RC001	15
BERRY CREEK AT THE OUTLET OF BERRY LAKE	05PD028	16
BIG CARP RIVER NEAR SAULT STE. MARIE	02BF004	16
BIG CREEK NEAR DELHI	02GC006	17
BIG CREEK NEAR WALSINGHAM	02EC007	17
BIG OTTER CREEK ABOVE OTTERVILLE	02EC017	18
BIG OTTER CREEK AT TILLSONBURG	02GC010	18
BIG OTTER CREEK NEAR CALTON	02GC028	19
BIG TROUT LAKE AT TROUT LAKE	04CE001	19
BIGHEAD RIVER NEAR MEAFORD	02FB010	20
BLACK CREEK BELOW ACTON	02HB024	20
BLACK CREEK NEAR WESTON	02HC027	21
BLACK RIVER AT BALDWIN	03EC008	21
BLACK RIVER NEAR ACTINOLITE	02ML003	22
BLACK RIVER NEAR MARATHON	02BB002	22
BLACK RIVER NEAR WASHAGO	02EC002	23
BLACK STURGEON RIVER AT HIGHWAY NO. 17	02AC002	23
BLACKWATER RIVER AT BEARDMORE	02AD010	24
BLANCHE RIVER ABOVE ENGLEHART	01JC008	24
BLOOMFIELD CREEK AT BLOOMFIELD	02HE001	25
BLUE JAY CREEK NEAR TEMKUMMAH	02CG003	25
BLUE SPRINGS CREEK NEAR EDEN MILLS	02GA031	26
BLYTH BROOK BELOW BLYTH	02FE014	26
BOB CREEK NEAR MINDEN	02MF004	27
BONNECHERE RIVER NEAR CASTLEFORD	02KC009	27
BOWMANVILLE CREEK AT BOWMANVILLE	02HD008	28
BRIGHTSAND RIVER AT MOBERLEY	04GB005	28
BURNLEY CREEK ABOVE WARKWORTH	02HK009	29
BURNT RIVER NEAR BURNT RIVER	02MF003	29
CANAGAGIGUE CREEK NEAR ELMIRA	02GA023	30
CANARD RIVER NEAR LUKERVILLE	02GH003	30
CARP RIVER NEAR KINBURN	02KF011	31
CARRICK CREEK NEAR CARLSRUHE	02FC011	31
CASTOR RIVER AT RUSSELL	02LB008	32
CAT RIVER BELOW WESLEYAN LAKE	04GA002	32
CATARAQUI RIVER AT CHAFFEYS LOCKS	02MA002	33
CATFISH CREEK AT AYLMER	02GC030	33
CATFISH CREEK NEAR SPARTA	02GC018	34
CEDAR CREEK AT WOODSTOCK	02GD011	34
CEDAR CREEK NEAR HEMLO	02BB004	35
CEDAR RIVER BELOW WABASKANG LAKE	05QE008	35
CHIPPEWA CREEK AT NORTH BAY	02DD014	36
CHUKUNI RIVER NEAR EAR FALLS	05QC001	36
CLYDE RIVER AT GORDON RAPIDS	02KF013	37
CLYDE RIVER NEAR LANARK	02KF010	37
COLD CREEK AT ORLAND	02HK007	38
COLD CREEK NEAR BOLTON	02HC023	38
COLDWATER RIVER AT COLDWATER	02ED007	39
COLLINS CREEK NEAR KINGSTON	02HM005	39
COMMANDA CREEK NEAR COMMANDA	02DD015	40
CONESTOGO RIVER ABOVE DRAYTON	02GA038	40
CONESTOGO RIVER AT GLEN ALLAN	02GA028	41
CONISTON CREEK ABOVE WANAPITEI RIVER	02DB007	41
CONSECON CREEK AT ALLISONVILLE	02HE002	42
COPELAND CREEK NEAR PENETANGUISHENE	02ED019	42
CREDIT RIVER ALTON BRANCH ABOVE ALTON	02HB019	43
CREDIT RIVER AT BOSTON MILLS	02HB018	43
CREDIT RIVER AT ERINDALE	02HB002	44
CREDIT RIVER AT NORVAL	02HB025	44
CREDIT RIVER ERIN BRANCH ABOVE ERIN	02HB020	45
CREDIT RIVER NEAR CATARACT	02HB001	45
CREDIT RIVER NEAR ORANGEVILLE	02HB013	46
CREDIT RIVER WEST BRANCH AT NORVAL	02HB008	46
CROWE RIVER AT MARMORA	02HK003	47
CROWE RIVER NEAR GLEN ALDA	02HK005	47
DEPOT CREEK AT BELLROCK	02HM002	48
DETROIT RIVER AT AMHERSTBURG	02GH008	48
DETROIT RIVER AT LA SALLE	02GH007	49
DINGMAN CREEK BELOW LAMBETH	02GE005	49
DODD CREEK BELOW PAYNES MILLS	02GC031	50
DON RIVER AT TODMORDEN	02HC024	50
DON RIVER AT YORK MILLS	02HC005	51
DUFFINS CREEK ABOVE PICKERING	02HC019	51
DUFFINS CREEK AT PICKERING	02HC006	52
EAGLE RIVER AT EAGLE RIVER	05QD003	52
EAST BRANCH SCOTCH RIVER NEAR ST. ISIDORE DE PRESCOTT	02LB012	53
EAST HUMBER RIVER AT KING CREEK	02HC032	53
EAST HUMBER RIVER NEAR PINE GROVE	02HC009	54
EAST OAKVILLE CREEK NEAR OMAGH	02HB004	54
EAST RIVER NEAR HUNTSVILLE	02EB013	55
EAST TRIBUTARY TO PERCH LAKE INLET NO. 2 NEAR CHALK RIVER	02KA010	55
EELS CREEK BELOW APSLEY	02HM001	56
EKWAN RIVER BELOW NORTH WASHAGAMI RIVER	04EA001	56
ENGLISH RIVER AT CARIBOU FALLS	05QE005	57
ENGLISH RIVER AT EAR FALLS	05QE006	57
ENGLISH RIVER AT MANITOU FALLS	05QE007	58

NAME	STATION NO.	PAGE
ENGLISH RIVER AT UMFREVILLE	05OA002	58
ERAMOSA RIVER ABOVE GUELPH	02GA029	59
ETOBICOKE CREEK AT BRAMPTON	02HC017	59
ETOBICOKE CREEK BELOW QUEEN ELIZABETH HIGHWAY	02HC030	60
EYE RIVER NEAR COULSON LAKE NORTH OF ATIKOKAN	05PB022	60
EYE RIVER NEAR HARDTACK LAKE NORTH OF ATIKOKAN	05PB021	61
FAIRCHILD CREEK NEAR BRANTFORD	02GB007	61
FALL RIVER NEAR FALLBROOK	02KF014	62
FAREWELL CREEK AT OSHAWA	02HD014	62
FAWN RIVER BELOW BIG TROUT LAKE	04CE002	63
FISH CREEK NEAR PROSPECT HILL	02GD010	63
FREDERICK HOUSE RIVER AT FREDERICK HOUSE LAKE DAM	04MD002	64
FREDERICK HOUSE RIVER AT NIGHTHAWK LAKE	04MD003	64
FRENCH LAKE NEAR ATIKOKAN	05PA010	65
FRENCH RIVER AT CHAUDIERE DAM	02DD017	65
FRENCH RIVER AT DRY PINE BAY	02DD010	66
FRENCH RIVER AT LAKE NIPISSING	02DD007	66
FRENCH RIVER AT PORTAGE DAM	02DD018	67
GANARASKA RIVER ABOVE DALE	02HD012	67
GANARASKA RIVER NEAR OSACA	02HD003	68
GORING DRAIN AT CONCESSION #13 (PITTOCK TEST)	02GD025	68
GOULAIS RIVER NEAR SEARCHMONT	02BF002	69
GRAHAM CREEK AT NEPEAN	02KF015	69
GRAND RIVER AT BRANTFORD	02GB001	70
GRAND RIVER AT GALT	02GA003	70
GRAND RIVER AT WEST MONTROSE	02GA034	71
GRAND RIVER BELOW SHAND DAM	02GA016	71
GRAND RIVER NEAR DUNDALK	02GA041	72
GRAND RIVER NEAR MARSVILLE	02GA014	72
GRASSY NARROWS LAKE AT GRASSY NARROWS	05QE015	73
GRAVEL RIVER NEAR CAVERS	02AE001	73
GREENWATER CREEK AT OUTLET OF GREENWATER LAKE	02AB012	74
GRINDSTONE CREEK NEAR ALDERSHOT	02HB012	74
GROUNDHOG RIVER AT FAUQUIER	04LD001	75
GULL RIVER AT NORLAND	02HF002	75
HALFWAY CREEK AT MOOSONEE	04KA002	76
HARMONY CREEK AT OSHAWA	02HD013	76
HIGHLAND CREEK NEAR WEST HILL	02HC013	77
HOG CREEK NEAR VICTORIA HARBOUR	02EE017	77
HOLLAND RIVER AT HOLLAND LANDING	02EC009	78
HOLTBY DRAIN AT CONCESSION #7	02GC032	78
HORNER CREEK NEAR PRINCETON	02GB006	79
HUMBER RIVER AT ELDER MILLS	02HC025	79
HUMBER RIVER AT WESTON	02HC003	80
HUMBER RIVER NEAR PALGRAVE	02HC047	80
INDIAN RIVER NEAR BLAKENEY	02KF012	81
JACKSON CREEK AT PETERBOROUGH	02HJ001	81
JOCK RIVER NEAR RICHMOND	02LA007	82
JUNCTION CREEK AT SUDBURY	02CF005	82
JUNCTION CREEK BELOW KELLEY LAKE	02CF012	83
KAMINISTIQUIA RIVER AT KAKABEKA FALLS POWERHOUSE	03AB010	83
KAMINISTIQUIA RIVER AT KAMINISTIQUIA	03AB008	84
KAMINISTIQUIA RIVER AT OUTLET OF DOG LAKE	03AB004	84
KAPUSKASING RIVER AT KAPUSKASING	04LF001	85
KASHABOWIE RIVER AT OUTLET OF KASHABOWIE LAKE	02AB013	85
KAWINOGANS RIVER NEAR PICKLE CROW	04FA002	86
KEMPTVILLE CREEK NEAR KEMPTVILLE	02LA006	86
KENNY CREEK NEAR BURFORD	02GB009	87
KENOGAMI RIVER AT KENOGAMI DAM	04JD002	87
KENOGAMI RIVER NEAR MAMMAMATTAWA	04JG001	88
KETTLE CREEK ABOVE ST. THOMAS	02GC028	88
KETTLE CREEK AT ST. THOMAS	02GC002	89
KWATABOAHEGAN RIVER NEAR THE MOUTH	04KA001	89
LA VASE RIVER AT NORTH BAY	02DD013	90
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